



**2022**

**WIRELESS  
INFRASTRUCTURE  
CATALOG**

**LAUNCH3DIRECT.COM**

Launch 3 is the telecom industry's premier provider and manufacturer of wireless material. Our mission is to provide our customers with a personalized buying experience within project budgets and fixed timelines.



Launch3Direct.com



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## Outstanding Performance and Quality You Can Count On



### Manufacturer

Premier manufacturer of wireless infrastructure equipment



### 3PL

Complete warehouse operations, transportation, site kitting, and logistics solutions



### Distributor

Nationwide distributor of the wireless industry's leading manufacturers



### Customer Service

Leading the industry in product knowledge and customer satisfaction

## TRUE VALUE

Launch 3 Telecom is a wireless equipment supplier and manufacturer that offers high quality products at a low cost while providing a superior customer service experience.

WE ARE WITH YOU EVERY STEP OF THE WAY

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**LAUNCH 3**  
TELECOM



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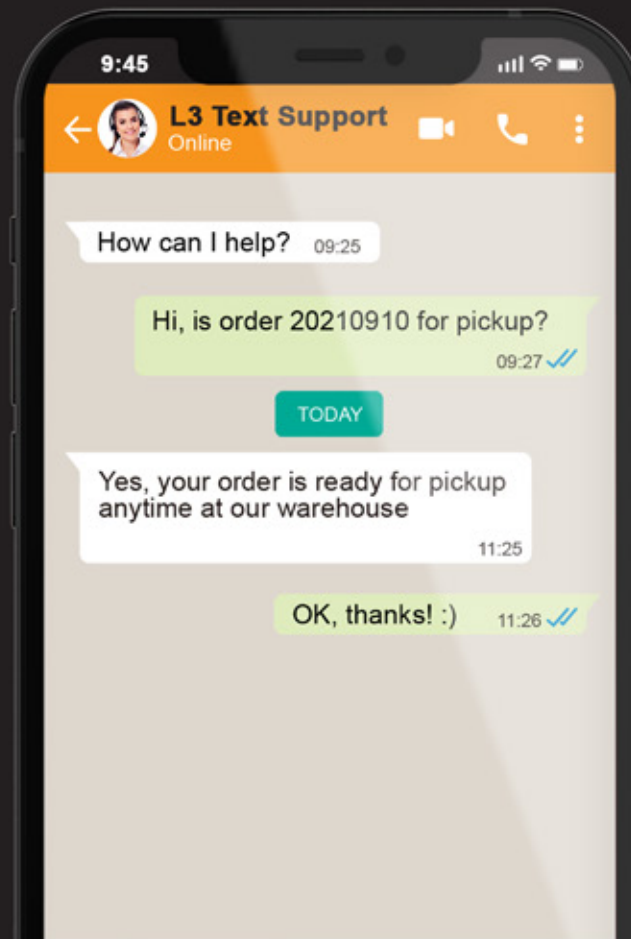
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# LAUNCH 3 TELECOM Quick Links

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## HANGERS/COAX BLOCKS



### Butterfly Hangers

PART#	DESCRIPTION	QUANTITY
L3-BH-12	Butterfly Hanger for 1/2" Coaxial Cable	Bag of 10
L3-BH-58	Butterfly Hanger for 5/8" Coaxial Cable	Bag of 10
L3-BH-78	Butterfly Hanger for 7/8" Coaxial Cable	Bag of 10
L3-BH-114	Butterfly Hanger for 1-1/4" Coaxial Cable	Bag of 10
L3-BH-158	Butterfly Hanger for 1-5/8" Coaxial Cable	Bag of 10
L3-BH-214	Butterfly Hanger for 2-1/4" Coaxial Cable	Bag of 10
L3-WGHK38-A	3/8" - 16 x 1" SS Hardware Kits (10 Flat Washers, 10 Bolts, 10 Nuts, 10 Locks)	Bag of 10



### Coax Blocks

PART#	DESCRIPTION	QUANTITY
L3-CB-38	3/8" Coax Support Block	Bag of 10
L3-CB-12	1/2" Coax Support Block	Bag of 10
L3-CB-14	1/4" Coax Support Block	Bag of 10
L3-CB-78	7/8" Coax Support Block	Bag of 10
L3-CB-114	1-1/4" Coax Support Block	Bag of 10
L3-CB-158	1-5/8" Coax Support Block	Bag of 10
L3-CB-214	2-1/4" Coax Support Block	Bag of 10
L3-CB-10MM	10mm Coax Support Block	Bag of 10
L3-CB-912MM	9-12mm Coax Support Block	Bag of 10
L3-CB-1316MM	13-16mm Coax Support Block	Bag of 10



### Mini Coax Blocks

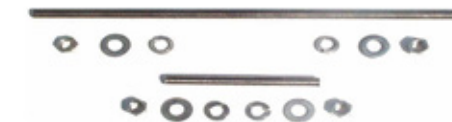
PART#	DESCRIPTION	QUANTITY
L3-CB-12-MINI	1/2" Coax Support Block, Miniature	Bag of 10
L3-CB-78-MINI	7/8" Coax Support Block, Miniature	Bag of 10
L3-CB-114-MINI	1-1/4" Coax Support Block, Miniature	Bag of 10
L3-CB-158-MINI	1-5/8" Coax Support Block, Miniature	Bag of 10
L3-CB-214-MINI	2-1/4" Coax Support Block, Miniature	Bag of 10

## HARDWARE

### Galvanized Rod Kits

PART#	DESCRIPTION
L3-CBHK-GAL-4	3/8" Galvanized Hardware Kit for Coax Blocks – 4" Galvanized Rod
L3-CBHK-GAL-5	3/8" Galvanized Hardware Kit for Coax Blocks – 5" Galvanized Rod
L3-CBHK-GAL-6	3/8" Galvanized Hardware Kit for Coax Blocks – 6" Galvanized Rod
L3-CBHK-GAL-7	3/8" Galvanized Hardware Kit for Coax Blocks – 7" Galvanized Rod
L3-CBHK-GAL-8	3/8" Galvanized Hardware Kit for Coax Blocks – 8" Galvanized Rod
L3-CBHK-GAL-10	3/8" Galvanized Hardware Kit for Coax Blocks – 10" Galvanized Rod
L3-CBHK-GAL-12	3/8" Galvanized Hardware Kit for Coax Blocks – 12" Galvanized Rod

Note: Additional Sizes Available Upon Request



### Stainless Steel Rod Kits

PART#	DESCRIPTION
L3-CBHK-SS-4	3/8" Stainless Steel Hardware Kit for Coax Blocks – 4" Stainless Steel Rod
L3-CBHK-SS-5	3/8" Stainless Steel Hardware Kit for Coax Blocks – 5" Stainless Steel Rod
L3-CBHK-SS-6	3/8" Stainless Steel Hardware Kit for Coax Blocks – 6" Stainless Steel Rod
L3-CBHK-SS-7	3/8" Stainless Steel Hardware Kit for Coax Blocks – 7" Stainless Steel Rod
L3-CBHK-SS-8	3/8" Stainless Steel Hardware Kit for Coax Blocks – 8" Stainless Steel Rod
L3-CBHK-SS-10	3/8" Stainless Steel Hardware Kit for Coax Blocks – 10" Stainless Steel Rod
L3-CBHK-SS-12	3/8" Stainless Steel Hardware Kit for Coax Blocks – 12" Stainless Steel Rod

Note: Additional Sizes Available Upon Request



### Threaded Rod Safety Caps

PART#	DESCRIPTION	QUANTITY
L3-VSC-38-B	3/8" Vinyl Threaded Rod Safety Caps; Black	Bag of 100
L3-VSC-38-R	3/8" Vinyl Threaded Rod Safety Caps; Red	Bag of 100
L3-VSC-12-R	1/2" Vinyl Threaded Rod Safety Caps; Red	Bag of 100
L3-VSC-58-R	5/8" Vinyl Threaded Rod Safety Caps; Red	Bag of 100
L3-VSC-58-Y	5/8" Vinyl Threaded Rod Safety Caps; Yellow	Bag of 100



## GROMMETS

### Barrel Cushions

#### Launch 3 Barrel Cushions

PART#	DESCRIPTION	QUANTITY
L3-HI-12-5-7	1/2" Insert for 5mm - 7mm Cable	Bag of 10
L3-HI-12-10-11	1/2" Insert for 10mm - 11mm Cable	Bag of 10
L3-HI-78-7-11	7/8" Insert for 7mm - 11mm Cables	Bag of 10
L3-HI-78-11-17	7/8" Insert for 11mm - 17mm Cables	Bag of 10
L3-HI-78-6-13	7/8" Insert for 6mm - 13mm Cables	Bag of 10
L3-HI-114-5-7	1-1/4" Insert for 5mm - 7mm Cable	Bag of 10
L3-HI-114-7-11	1-1/4" Insert for 7mm - 11mm Cables	Bag of 10
L3-HI-114-11-17	1-1/4" Insert for 11mm - 17mm Cables	Bag of 10
L3-HI-114-17-20	1-1/4" Insert for 17mm - 20mm Cables	Bag of 10
L3-HI-114-27-29	1-1/4" Insert for 27mm - 29mm Cables	Bag of 10
L3-HI-114-33	1-1/4" Insert for 33mm Cables	Bag of 10
L3-HI-158-22-31	1-5/8" Insert for 22mm - 31mm Cables	Bag of 10
L3-HI-158-34-36	1-5/8" Insert for 34mm - 36mm Cables	Bag of 10
L3-HI-158-39-40	1-5/8" Insert for 39mm - 40mm Cables	Bag of 10

#### Launch 3 Multi Hole Barrel Cushions

PART#	DESCRIPTION	QUANTITY
L3-HI-114-216-27	1-1/4" Insert for (2) 16mm & (2) 7mm Cables	Bag of 10
L3-HI-158-MSF	1-5/8" Insert, Has One Hole for Each 6, 8, 10, 12, 14, & 24mm Cables	Bag of 10
L3-HI-158-412	1-5/8" Insert for (4) 12mm Cables	Bag of 10
L3-HI-158-258	1-5/8" Insert for (2) 5/8" Cables	Bag of 10
L3-HI-158-416	1-5/8" Insert for (4) 16mm Cables	Bag of 10
L3-HI-158-219-19	1-5/8" Insert for (2) 19mm & (1) 9mm Cables	Bag of 10
L3-HI-158-46-212	1-5/8" Insert for (4) 6mm & (2) 12mm Cables	Bag of 10
L3-HI-158-410-46	1-5/8" Insert for (4) 10mm & (4) 6mm Cables	Bag of 10
L3-HI-158-47-311	1-5/8" Insert for (4) 7mm & (3) 11mm Cables	Bag of 10
L3-HI-158-4125-47	1-5/8" Insert for (4) 12.5mm & (4) 7mm Cables	Bag of 10
L3-HI-158-1243-110	1-5/8" Insert for (1) 24.3mm & (1) 10mm Cables	Bag of 10
L3-HI-158-128-110	1-5/8" Insert for (1) 28mm & (1) 10mm Cables	Bag of 10
L3-HI-214-228-110	2-1/4" Insert for (2) 28mm & (1) 10mm Cables	Bag of 10

#### Launch 3 Universal Barrel Cushions

PART#	DESCRIPTION	QUANTITY
L3-UBC-12	Universal Barrel Cushion 3mm for 1/2" Hanger	Bag of 10
L3-UBC-78	Universal Barrel Cushion 4mm to 14mm for 7/8" Hanger	Bag of 10
L3-UBC-114	Universal Barrel Cushion for 14mm to 25mm for 1-1/4" Hanger	Bag of 10
L3-UBC-158	Universal Barrel Cushion for 14mm to 36mm for 1-5/8" Hanger	Bag of 10
L3-UBC-214	Universal Barrel Cushion for 14mm to 45mm for 2-1/4" Hanger	Bag of 10

#### Launch 3 Multi-Hole Universal Barrel Cushions

PART#	DESCRIPTION	QUANTITY
L3-UBC-158-7	Universal Barrel Cushion with 7 Holes for 4mm to 9mm for 1-5/8" Hanger	Bag of 10



## GROMMETS

### Barrel Cushions

#### CommScope Barrel Cushions

PART#	DESCRIPTION	QUANTITY
HG-5MM-12	Grommet with Single 5mm Hole for 1/2 in Standard or Click-on Hanger	Bag of 10
HG-10MM-12	Grommet with Single 10mm Hole for 1/2 in Standard or Click-on Hanger	Bag of 10
HG-14-78	Grommet with Single 7mm Hole for 7/8 in Standard or Click-on Hanger	Bag of 10
HG-38-78	Grommet with Single 10mm Hole for 7/8 in Standard or Click-on Hanger	Bag of 10
HG-15MM-78	Single Cable Grommet for a 7/8 in Snap-in or Click-on Hanger	Bag of 10
HG-14-114	Grommet with 7mm Hole for 1-1/4 in Standard or Click-on Hanger	Bag of 10
HG-38-114	Grommet with 10mm Hole for 1-1/4 in Standard or Click-on Hanger	Bag of 10
HG-58-114	Grommet with 17mm Hole for 1-1/4 in Standard or Click-on Hanger	Bag of 10
HG-24-114	Grommet with 23.6mm Hole for 1-1/4 in Standard or Click-on Hanger	Bag of 10
HG-33-114	Grommet with 33mm Hole for 1-1/4 in Standard or Click-on Hanger	Bag of 10
HG-27MM-114	Single Cable Grommet with 27mm Hole for a 1-1/4 in. Standard or Click-on Hanger	Bag of 10

#### CommScope Multi Hole Barrel Cushions

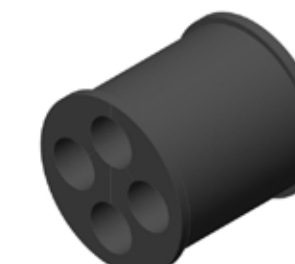
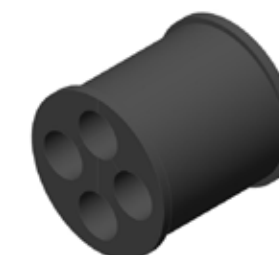
PART#	DESCRIPTION	QUANTITY
HG-091192-158	Grommet with 1x9mm Holes and 2x19mm Holes for 1-5/8 in SnapStack or Click-on Hanger	Bag of 10
HG-064103-114	Grommet with 3x10mm Holes and 4x6mm Holes for 1-1/4 in SnapStack or Click-on Hanger	Bag of 10
HG-164-158	Grommet with 4x16mm Holes - Compatible with CommScope 1-5/8" Hangers	Bag of 10

#### Rosenberger Barrel Cushions

PART#	DESCRIPTION	QUANTITY
CX602-HA0005	1/2" Insert and One 5-7mm Hole	Bag of 10
CX601-HA0709	1/2" Insert and One 7-9mm Hole	Bag of 10
CX610-HA1012	1/2" Insert and One 10-12mm Hole	Bag of 10
CX603-HA0711	7/8" Insert and One 7-11mm Hole	Bag of 10
CX604-HA1117	7/8" Insert and One 11-17mm Hole	Bag of 10
CX607-HA1711	1-1/4" Insert and One 7-11mm Hole	Bag of 10
CX605-HA1117	1-1/4" Insert and One 11-17mm Hole	Bag of 10
CX608-HA1720	1-1/4" Insert and One 17-20mm Hole	Bag of 10
CX663-HA2430	1-1/4" Insert and One 24-30mm Hole	Bag of 10
CX614-155	1-5/8" Insert and One 24-31mm Hole	Bag of 10
CX648-2526	1-5/8" Insert and One 26mm Hole	Bag of 10
CX651-2829	1-5/8" Insert and One 28mm Hole	Bag of 10
CX616-3437	1-5/8" Insert and One 34-36mm Hole	Bag of 10
CX635-HA3360	1-5/8" Insert and One 33.6mm Hole	Bag of 10
CX681-3878	1-5/8" Insert and One 38.78mm Hole	Bag of 10

#### Rosenberger Multi Hole Barrel Cushions

PART#	DESCRIPTION	QUANTITY
CX611-HA1010	1-1/4" Insert with Two 10-12mm Holes	Bag of 10
CX625-HA0710	1-1/4" Insert with Two 7mm Holes and Two 10mm Holes	Bag of 10
CX685-2102	1-1/4" Insert with Two 7mm Holes and Two 12.50mm Holes	Bag of 10
CX628-2210	1-5/8" Insert with One 10mm Hole and Two 20mm Holes	Bag of 10
CX696-8212	1-1/4" Insert with Two 7mm Holes and Two 16mm Holes	Bag of 10
CX626-HA1020	1-5/8" Insert with One 10mm Hole and One 20mm Hole	Bag of 10
CX683-1610	1-5/8" Insert with One 10mm Hole and One 24.30mm Hole	Bag of 10
CX684-2610	2-1/4" Insert with One 10mm Hole and One 27.94mm Hole	Bag of 10



## ANGLE ADAPTERS



### Universal Angle Adapters

PART#	DESCRIPTION	QUANTITY
L3-AA-UI	Stainless Steel Angle Adapter with 3/4" Hole and Hardware	Bag of 10
L3-AA-UI-GAL	Galvanized Angle Adapter with 3/4" Hole; with Stainless Steel Hardware and Insert	Bag of 10



### Universal Snap-In Angle Adapters

PART#	DESCRIPTION	QUANTITY
L3-AA-U	Stainless Steel Angle Adapter with 3/4" Hole for Snap In Hangers	Bag of 10
L3-AA-U-GAL	Galvanized Angle Adapter with 3/4" Hole for Snap In Hangers	Bag of 10



### 3/8" Hole Angle Adapters

PART#	DESCRIPTION	QUANTITY
L3-AA-38	Stainless Steel Angle Adapter with 3/8" Tapped Hole	Bag of 10
L3-AA-38-GAL	Galvanized Angle Adapter with 3/8" Tapped Hole	Bag of 10



### Inserts

PART#	DESCRIPTION	QUANTITY
L3-INSERT-38	3/8" Insert with Hardware	Bag of 10

## STAND OFF ADAPTERS

### 3-Way Stand Off Adapters

PART#	DESCRIPTION	QUANTITY
L3-USO-34	3-Way Snap-In Stand-Off Adapter, (3) 3/4" Hole	Bag of 10
L3-USO-R230	3-Way Snap-In Stand-Off Adapter with 2-3" Stainless Steel Hose Clamps Round Members	Bag of 10
L3-USO-R340	3-Way Snap-In Stand-Off Adapter with 3-4" Stainless Steel Hose Clamps Round Members	Bag of 10
L3-USO-R350	3-Way Snap-In Stand-Off Adapter with 3-5" Stainless Steel Hose Clamps Round Members	Bag of 10



### Snap-In Stand Off Adapter

PART#	DESCRIPTION	QUANTITY
L3-SA-U	2"-3" Universal Stand Off Adapter with 3/4" Hole	Bag of 10



### 3/8" Hole Stand Off Adapter

PART#	DESCRIPTION	QUANTITY
L3-SA-38	2"-3" Stand Off Adapter with 3/8" Tapped Hole	Bag of 10



### Universal Angle Adapter Insert

PART#	DESCRIPTION	QUANTITY
L3-UAAI	Universal Angle Adapter Square Insert, 3/4" - 3/8" Threaded Hole	Bag of 10





## ROUND MEMBER ADAPTERS/ZIP TIES



### Hose Clamps Round Member Adapters

PART#	DESCRIPTION	QUANTITY
L3-RM-A100	Stainless Steel Hose Clamps, 1"-2"	Bag of 10
L3-RM-A200	Stainless Steel Hose Clamps, 2"-3"	Bag of 10
L3-RM-A210	Stainless Steel Hose Clamps, 2"-10"	Bag of 10
L3-RM-A260	Stainless Steel Hose Clamps, 2"-6"	Bag of 10
L3-RM-A280	Stainless Steel Hose Clamps, 2"-8"	Bag of 10
L3-RM-A300	Stainless Steel Hose Clamps, 3"-4"	Bag of 10
L3-RM-A350	Stainless Steel Hose Clamps, 3"-5"	Bag of 10
L3-RM-A500	Stainless Steel Hose Clamps, 5"-6"	Bag of 10
L3-RM-A680	Stainless Steel Hose Clamps, 6"-8"	Bag of 10
L3-RM-A1012	Stainless Steel Hose Clamps, 10"-12"	Bag of 10
L3-RM-A400	Stainless Steel Hose Clamps, 4"-5"	Bag of 10



### UV Black Zip Ties

PART#	DESCRIPTION	QUANTITY
L3-ZT-5x180	180mm x 4.5mm x 1.2mm (7") 50lb. Test	Bag of 100
L3-ZT-5x280	280mm x 4.5mm x 1.2mm (11") 50lb. Test	Bag of 100
L3-ZT-5x350	350mm x 4.5mm x 1.2mm (14") 50lb. Test	Bag of 100
L3-ZT-5x430	430mm x 4.7mm x 1.3mm (17") 50lb. Test	Bag of 100
L3-ZT-8x400	400mm x 7.5mm x 1.45mm (14") 120lb. Test	Bag of 100
L3-ZT-8x450	450mm x 7.5mm x 1.45mm (18") 120lb. Test	Bag of 100
L3-ZT-8x609	609mm x 8.76mm x 1.45mm (24") 175lb. Test	Bag of 100



### Stainless Steel Zip Ties

PART#	DESCRIPTION	QUANTITY
L3-ZT-SS-7	Stainless Steel Zip Ties 203mm x 4.5mm x 0.25mm ( 26" x 3/16")	Bag of 100
L3-ZT-SS-14	Stainless Steel Zip Ties 355mm x 4.5mm x 0.25mm ( 14" x 3/16")	Bag of 100
L3-ZT-SS-26	Stainless Steel Zip Ties 660mm x 8mm x 0.25mm ( 26" x 3/16")	Bag of 100

## BANDING



### Banding

PART#	DESCRIPTION	QUANTITY
L3-SSB-34	Stainless Steel Banding, 3/4" x .03"	100ft Roll
L3-SSB-12	Stainless Steel Banding, 1/2" x .03"	100ft Roll
L3-SSB-1	Stainless Steel Banding, 1" x .044"	100ft Roll
L3-SSB-114	Stainless Steel Banding, 1-1/4" x .044"	100ft Roll
L3-SSB-T00L	Light Duty Tightening Tool for Steel Banding	Each

### Banding Buckles

PART#	DESCRIPTION	QUANTITY
L3-BB-1	1" Earlock Buckles	Bag of 100
L3-BB-12	1/2" Earlock Buckles	Bag of 100
L3-BB-34	3/4" Earlock Buckles	Bag of 100



### Cable Tie Wraps

PART#	DESCRIPTION	QUANTITY
L3-VEL-050X6-BLACK	1/2" x 6" Cable Tie Wrap	Bag of 100
L3-VEL-050x8-BLACK	1/2" x 8" Cable Tie Wrap	Bag of 100
L3-VEL-050x12-BLACK	1/2" x 12" Cable Tie Wrap	Bag of 100
L3-VEL-075x8-BLACK	3/4" x 8" Cable Tie Wrap	Bag of 100
L3-VEL-075x12-BLACK	3/4" x 12" Cable Tie Wrap	Bag of 100



### Hook and Loop Rolls

PART#	DESCRIPTION	QUANTITY
L3-VEL-050x75-BLACK	1/2" Roll of Hook and Loop, Black	75ft Roll
L3-VEL-075x75-BLACK	3/4" Roll of Hook and Loop, Black	75ft Roll
L3-VEL-050x75-BROWN	1/2" Roll of Hook and Loop, Brown	75ft Roll
L3-VEL-050x75-RED	1/2" Roll of Hook and Loop, Red	75ft Roll



## HOISTING GRIPS/CONDUIT HANGERS

### Lace-Up Hoisting Grips



PART#	DESCRIPTION
L3-HG-14	1/4" Lace-Up Hoisting Grip
L3-HG-38	3/8" Lace-Up Hoisting Grip
L3-HG-12	1/2" Lace-Up Hoisting Grip
L3-HG-58	5/8" Lace-Up Hoisting Grip
L3-HG-78	7/8" Lace-Up Hoisting Grip
L3-HG-114	1-1/4" Lace-Up Hoisting Grip
L3-HG-158	1-5/8" Lace-Up Hoisting Grip
L3-HG-214	2-1/4" Lace-Up Hoisting Grip

### Pre-Laced Hoisting Grips



PART#	DESCRIPTION
L3-HG-PL-14	1/4" Pre-Laced Hoisting Grip
L3-HG-PL-38	3/8" Pre-Laced Hoisting Grip
L3-HG-PL-12	1/2" Pre-Laced Hoisting Grip
L3-HG-PL-58	5/8" Pre-Laced Hoisting Grip
L3-HG-PL-78	7/8" Pre-Laced Hoisting Grip
L3-HG-PL-114	1-1/4" Pre-Laced Hoisting Grip
L3-HG-PL-158	1-5/8" Pre-Laced Hoisting Grip
L3-HG-PL-214	2-1/4" Pre-Laced Hoisting Grip

### Conduit Hanger - Zinc Plated Steel



PART#	DESCRIPTION
L3-CH-12	1/2" Conduit Hanger with Nut and Bolt - Zinc Plated Steel
L3-CH-34	3/4" Conduit Hanger with Nut and Bolt - Zinc Plated Steel
L3-CH-1	1" Conduit Hanger with Nut and Bolt - Zinc Plated Steel
L3-CH-114	1-1/4" Conduit Hanger with Nut and Bolt - Zinc Plated Steel
L3-CH-112	1-1/2" Conduit Hanger with Nut and Bolt - Zinc Plated Steel
L3-CH-2	2" Conduit Hanger with Nut and Bolt - Zinc Plated Steel
L3-CH-212	2-1/2" Conduit Hanger with Nut and Bolt - Zinc Plated Steel
L3-CH-3	3" Conduit Hanger with Nut and Bolt - Zinc Plated Steel
L3-CH-4	4" Conduit Hanger with Nut and Bolt - Zinc Plated Steel

### Conduit Hanger - Stainless Steel



PART#	DESCRIPTION
L3-CH-34-SS	3/4" Conduit Hanger with Nut and Bolt - Stainless Steel
L3-CH-1-SS	1" Conduit Hanger with Nut and Bolt - Stainless Steel
L3-CH-2-SS	2" Conduit Hanger with Nut and Bolt - Stainless Steel
L3-CH-212-SS	2-1/2" Conduit Hanger with Nut and Bolt - Stainless Steel

## GROUND KITS

### Ground Kits

#### Tinned Copper



PART#	DESCRIPTION
L3-TGK-12	1/2" Tinned Copper Grounding Kit with 5' Lead
L3-TGK-78	7/8" Tinned Copper Grounding Kit with 5' Lead
L3-TGK-114	1-1/4" Tinned Copper Grounding Kit with 5' Lead
L3-TGK-158	1-5/8" Tinned Copper Grounding Kit with 5' Lead

### Clip On Ground Kits - Tinned Copper

PART#	DESCRIPTION
L3-TGK-12C	1/2" Clip On, Tinned Copper Grounding Kit with 5' Lead
L3-TGK-78C	7/8" Clip On, Tinned Copper Grounding Kit with 5' Lead
L3-TGK-114C	1-1/4" Clip On, Tinned Copper Grounding Kit with 5' Lead
L3-TGK-158C	1-5/8" Clip On, Tinned Copper Grounding Kit with 5' Lead

### Clip On Ground Kits - Copper



PART#	DESCRIPTION
L3-CGK-12C	1/2" Clip On, Copper Grounding Kit with 5' Lead
L3-CGK-78C	7/8" Clip On, Copper Grounding Kit with 5' Lead
L3-CGK-114C	1-1/4" Clip On, Copper Grounding Kit with 5' Lead
L3-CGK-158C	1-5/8" Clip On, Copper Grounding Kit with 5' Lead

### Universal Ground Kits

PART#	DESCRIPTION
L3-TGK-U-MINI	Universal Ground Kit 1/4" to 5/8" with 5' Lead
L3-TGK-U	Universal Tinned Ground Kit, 1/2" - 2-1/4" with 5' UA Lead & Hardware



## BOOT ASSEMBLIES/CUSHION INSERTS



### Boot Assemblies

PART#	DESCRIPTION
L3-BA-XX	4" Boot Without Insert
L3-BA-5X	5" Boot Without Insert



### 4" Cushion Inserts

PART#	DESCRIPTION
L3-CI-1-38	4" Cushion Insert, 1 Hole for 3/8"
L3-CI-3-38	4" Cushion Insert, 3 Hole for 3/8"
L3-CI-1-12	4" Cushion Insert, 1 Hole for 1/2"
L3-CI-2-12	4" Cushion Insert, 2 Hole for 1/2"
L3-CI-3-12	4" Cushion Insert, 3 Hole for 1/2"
L3-CI-4-12	4" Cushion Insert, 4 Hole for 1/2"
L3-CI-9-12	4" Cushion Insert, 9 Hole for 1/2"
L3-CI-1-58	4" Cushion Insert, 1 Hole for 5/8"
L3-CI-1-78	4" Cushion Insert, 1 Hole for 7/8"
L3-CI-2-78	4" Cushion Insert, 2 Hole for 7/8"
L3-CI-3-78	4" Cushion Insert, 3 Hole for 7/8"
L3-CI-4-78	4" Cushion Insert, 4 Hole for 7/8"
L3-CI-1-114	4" Cushion Insert, 1 Hole for 1-1/4"
L3-CI-1-158	4" Cushion Insert, 1 Hole for 1-5/8"
L3-CI-1-214	4" Cushion Insert, 1 Hole for 2-1/4"

### Blank Cushion

PART#	DESCRIPTION
L3-CI-B	4" Cushion Insert, Solid Insert (No Hole)



## ENTRY PANELS

### Plugs

PART#	DESCRIPTION	QUANTITY
L3-PLUG-38	3/8" Insert Plugs	Bag of 5
L3-PLUG-12	1/2" Insert Plugs	Bag of 5
L3-PLUG-78	7/8" Insert Plugs	Bag of 5
L3-PLUG-114	1-1/4" Insert Plugs	Bag of 5
L3-PLUG-158	1-5/8" Insert Plugs	Bag of 5

### Entry Panels

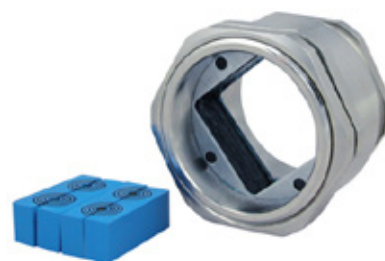
PART#	DESCRIPTION
L3-EPP-1x1A	1 Port Panel 5" x 5"
L3-EPP-1x1B	1 Port Panel 7" x 7"
L3-EPP-1x2	2 Port Panel 1' 3-1/2" x 9-1/2"
L3-EPP-1x3	3 Port Panel 1' 8" x 9-1/2"
L3-EPP-1x4A	4 Port Panel. 2' 1-1/2" x 9-1/2"
L3-EPP-1x4B	4 Port Panel. 2' 1-1/2" x 6"
L3-EPP-1x6	6 Port Panel 3' 1/2" x 9-1/2"
L3-EPP-2x2A	4 Port Panel 11" x 11"
L3-EPP-2x2B	4 Port Panel 1' 5-1/2" x 1' 5-1/2"
L3-EPP-2x3	6 Port Panel 1' 11" x 1' 5-1/2"
L3-EPP-2x4	8 Port Panel 2' 1-1/2" x 1' 5-1/2"
L3-EPP-2x6	12 Port Panel 3' 3-1/2" x 1' 5-1/2"
L3-EPP-3x3	9 Port Panel 1' 11" x 1' 11"
L3-EPP-3x4	12 Port Panel 2' 1-1/2" x 2' 1-1/2"
L3-EPP-4x4	16 Port Panel 2' 1-1/2" x 2' 1-1/2"
L3-EPP-4x6	24 Port Panel 3' 2-1/2" x 2' 7"
L3-EPP-6x6	36 Port Panel 3' 3-1/2" x 3' 5-1/2"

### Port Caps

PART#	DESCRIPTION
L3-EPP-CAP	Entry Port Panel Cap 4"



## ROXTEC CABLE SEALS



### Roxtec Seals for Cables

PART#	DESCRIPTION
CRL4/1	4" Entry Single Seal for .945" thru 2.126" OD
CRL4/4	4" Entry Single Seal for 4 Cables .394" thru 1.142" OD
CRL4/5	4" Seal for 5 Cables, (3) Holes .138" thru .65" & (2) Holes .394" thru 1.142" OD
CRL4/9	4" Seal for 9 Cables .138" thru .65" OD
CRL5/4	5" Seal for 4 Cables .433" thru 1.142" OD
CRL5/5	5" Seal for 5 Cables, (3) Holes .138" thru .65" & (2) Holes .394" thru 1.142" OD
RGM63/4	Cable/Pipe Seal Kit, 4-Cables 3.5-16.5mm, 74-51mm Depth
RGM63/9	Cable/Pipe Seal Kit, 9-Cables 3.5-10.5mm, 74-51mm Depth
5X8100000087	Coupler, Female 63mm x 2" Nickel Plate Aluminum



### Roxtec Conduit Seal Kits

PART#	DESCRIPTION
102620	2" Cable Entry Seal for Inner Duct/Flex Tubing for 1 Cable
102621	2" Cable Entry Seal for Inner Duct/Flex Tubing for 4 Cable
102622	2" Cable Entry Seal for Inner Duct/Flex Tubing for 9 Cable

## J-SOURCE

### J-Source Connections

PART#	DESCRIPTION
JS007-1YST	Y Connector for 1" Non-Metallic Liquid Tight Conduit
JS007-2YST	Y Connector for 2" Non-Metallic Liquid Tight Conduit
JS005-M32-1INT	Female to Female Adapter for RRH to 1 Inch Seal Tight
JS005-M32-34NPT	Female to Female Adapter for RRH To 3/4 Inch Seal Tight
JS005-34NOK-RV2	Female to Female Adapter for Nokia 474283A.101 to 3/4 Inch Seal Tight Connector
JS005-1NOK-RV2	Female to Female Adapter for Nokia 474283A.101 to 1 Inch Seal Tight Connector
JS006-1FBT-1ST	Fiber Conduit Termination 1 Hole for 1 Inch Seal Tight, Kit
JS006-2FBT-1ST	Fiber Conduit Termination 2 Hole, Kit
JS003-RRHOV-C	Oval Connector for RRHC (Squid)
JS002-M32-NPT	Male to Female NPT Adapter for Squid
JS001-ALRC-RC	RC Connector for 1" Conduit-Aluminum RRH



### J-Source Outdoor Boxes

PART#	DESCRIPTION
JS18188HCFM	Hinged Cover Fiber Box Enclosure, SS Latches, 18 X 18 X 8
12128FM4SEC	Outdoor Fiber Management Box, Four Sector, 12 x 12 x 8



## PIM MITIGATION



### SnapTak PIM Free Polymer Hangers

PART#	DESCRIPTION	QUANTITY
L3-PIM-SSH47	PIM-Guard Adjustable Hanger for 4.0mm to 7.0mm Cable	Bag of 10
L3-PIM-SSH710	PIM-Guard Adjustable Hanger for 7.1mm to 10.0mm Cable	Bag of 10
L3-PIM-SSH1014	PIM-Guard Adjustable Hanger for 10.1mm to 14.0mm Cable	Bag of 10
L3-PIM-SSH1416	PIM-Guard Adjustable Hanger for 14.1mm to 16.0mm Cable	Bag of 10



### Universal PIM

PART#	DESCRIPTION	QUANTITY
L3-PIM-USO-34	Universal PIM 3 Way Stand-Off Adapter with 3/4" Hole	Bag of 10



### Universal PIM Mini

PART#	DESCRIPTION	QUANTITY
L3-PIM-MINI-USO-534	Universal PIM 5 Way Stand-Off Adapter with 3/4" Hole	Bag of 10



### PIM Free Hanger Adapter

PART#	DESCRIPTION	QUANTITY
L3-PIM-SA1	PIM-Free, Composite Snap-in Hanger Adapter	Bag of 10

## PIM MITIGATION

### PIM Free Banding

PART#	DESCRIPTION	QUANTITY
L3-PIMB-1250	Cable Banding, Bulk, 1/2 in	50 ft Reel



### PIM Free Locking Heads

PART#	DESCRIPTION	QUANTITY
L3-PIMB-LH	PIM-Free Locking Heads for Cable Banding	Bag of 25



### PIM Free Cable Straps

PART#	DESCRIPTION	QUANTITY
L3-PIM-ZT-16-250	16" PIM Shield Cable Strap Acetal Locking Head Included	Bag of 50



### PIM Free Banding Tools

PART#	DESCRIPTION	QUANTITY
L3-PIMB-IT	Installation Tool for Cable Banding L3-PIMB-1250 and Locking Heads L3-PIMB-LH	Each



## TAPE/WEATHERPROOFING

### Black Electrical Tape

PART#	DESCRIPTION
L3-1700-BLACK	TEMFLEX Electrical Tape, Black, 3/4" x 66'
L3-33+SUPER	Super 33+ Vinyl Electrical Tape, Black, 3/4" x 66'
L3-SUPER-88	Super 88 Black Electrical Tape, Black, 3/4" x 66'
L3-TAPE-2	2" UL Listed Black Tape

### Colored Tape – 35 Series

PART#	DESCRIPTION
L3-35-BLUE	Vinyl 35 Series Electrical Tape, Blue, 3/4" x 66'
L3-35-BROWN	Vinyl 35 Series Electrical Tape, Brown, 3/4" x 66'
L3-35-GRAY	Vinyl 35 Series Electrical Tape, Gray, 3/4" x 66'
L3-35-GREEN	Vinyl 35 Series Electrical Tape, Green, 3/4" x 66'
L3-35-ORANGE	Vinyl 35 Series Electrical Tape, Orange, 3/4" x 66'
L3-35-RED	Vinyl 35 Series Electrical Tape, Red, 3/4" x 66'
L3-35-WHITE	Vinyl 35 Series Electrical Tape, White, 3/4" x 66'
L3-35-YELLOW	Vinyl 35 Series Electrical Tape, Yellow, 3/4" x 66'

### Colored Tape – 1700 Series

PART#	DESCRIPTION
L3-1700-BLUE	Vinyl 1700 Series Electrical Tape, Blue, 3/4" x 66'
L3-1700-BROWN	Vinyl 1700 Series Electrical Tape, Brown, 3/4" x 66'
L3-1700-GRAY	Vinyl 1700 Series Electrical Tape, Gray, 3/4" x 66'
L3-1700-GREEN	Vinyl 1700 Series Electrical Tape, Green, 3/4" x 66'
L3-1700-ORANGE	Vinyl 1700 Series Electrical Tape, Orange, 3/4" x 66'
L3-1700-RED	Vinyl 1700 Series Electrical Tape, Red, 3/4" x 66'
L3-1700-VIOLET	Vinyl 1700 Series Electrical Tape, Violet, 3/4" x 66'
L3-1700-WHITE	Vinyl 1700 Series Electrical Tape, White, 3/4" x 66'
L3-1700-YELLOW	Vinyl 1700 Series Electrical Tape, Yellow, 3/4" x 66'

### 3M Colored Tape – 35 Series

PART#	DESCRIPTION
35-BLUE	Scotch Vinyl 35 Series Electrical Tape, Blue, 3/4" x 66'
35-BROWN	Scotch Vinyl 35 Series Electrical Tape, Brown, 3/4" x 66'
35-GRAY	Scotch Vinyl 35 Series Electrical Tape, Gray, 3/4" x 66'
35-GREEN	Scotch Vinyl 35 Series Electrical Tape, Green, 3/4" x 66'
35-ORANGE	Scotch Vinyl 35 Series Electrical Tape, Orange, 3/4" x 66'
35-PINK	Scotch Vinyl 35 Series Electrical Tape, Pink, 3/4" x 66'
35-RED	Scotch Vinyl 35 Series Electrical Tape, Red, 3/4" x 66'
35-VIOLET	Scotch Vinyl 35 Series Electrical Tape, Violet, 3/4" x 66'
35-WHITE	Scotch Vinyl 35 Series Electrical Tape, White, 3/4" x 66'
35-YELLOW	Scotch Vinyl 35 Series Electrical Tape, Yellow, 3/4" x 66'



## TAPE/WEATHERPROOFING

### 3M Colored Tape – 1700 Series

PART#	DESCRIPTION
1700-BLACK	Scotch Vinyl 1700 Series Electrical Tape, Black, 3/4" x 66'
1700-BLUE	Scotch Vinyl 1700 Series Electrical Tape, Blue, 3/4" x 66'
1700-BROWN	Scotch Vinyl 1700 Series Electrical Tape, Brown, 3/4" x 66'
1700-GRAY	Scotch Vinyl 1700 Series Electrical Tape, Gray, 3/4" x 66'
1700-GREEN	Scotch Vinyl 1700 Series Electrical Tape, Green, 3/4" x 66'
1700-ORANGE	Scotch Vinyl 1700 Series Electrical Tape, Orange, 3/4" x 66'
1700-RED	Scotch Vinyl 1700 Series Electrical Tape, Red, 3/4" x 66'
1700-VIOLET	Scotch Vinyl 1700 Series Electrical Tape, Violet, 3/4" x 66'
1700-WHITE	Scotch Vinyl 1700 Series Electrical Tape, White, 3/4" x 66'
1700-YELLOW	Scotch Vinyl 1700 Series Electrical Tape, Yellow, 3/4" x 66'

### Color Coded Clips

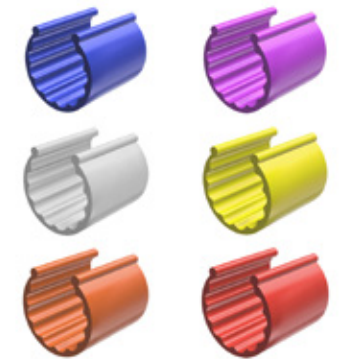
PART#	DESCRIPTION	QUANTITY
L3-CCC-BLUE-0	Color Coded Clips, Open, Blue	Bag of 100
L3-CCC-BROWN-0	Color Coded Clips, Open, Brown	Bag of 100
L3-CCC-GREEN-0	Color Coded Clips, Open, Green	Bag of 100
L3-CCC-ORANGE-0	Color Coded Clips, Open, Orange	Bag of 100
L3-CCC-RED-0	Color Coded Clips, Open, Red	Bag of 100
L3-CCC-SLATE-0	Color Coded Clips, Open, Slate	Bag of 100
L3-CCC-VIOLET-0	Color Coded Clips, Open, Violet	Bag of 100
L3-CCC-WHITE-0	Color Coded Clips, Open, White	Bag of 100
L3-CCC-YELLOW-0	Color Coded Clips, Open, Yellow	Bag of 100

### Weatherproofing

PART#	DESCRIPTION
L3-BUTYL	Butyl Rubber Rolls, 2-1/2" x 24"
L3-WK-U	Weatherproofing Kit, (6) Butyl, (2) 1/2" Tape, (1) 2" Tape
L3-FT-TB	Silicone Self-Fusing Tape, 1.5" X 10', Black, 20 mil

### Cold Shrink

PART#	DESCRIPTION
L3-CS-1278-.5	Cold Shrink Kit, 1/2" to 7/8" Antenna & Device (5-1/4" in length)
L3-CS-1278	Cold Shrink Kit, 1/2" to 7/8" Antenna & Device (6-3/4" in length)
L3-CS-1278-2	Universal Cold Shrink Weatherproofing for 1/2"-1 5/8", 1/2"-1 1/4", 5/8"-1 1/4" and 5/8"-1 5/8"
L3-CS-PWRCN	Cold Shrink for 4.3/10 and 4.1/9.5 Connections
L3-CS-RRU-PWR	Cold Shrink for RRU Power Connector to Power Cable, 3/8" to 7/8" Connection
L3-CS-12ANT	Cold Shrink; Silicone Rubber for 1/2" to 1-1/2" Connections
L3-SDL-DC-152	Cold Shrink; Silicone Rubber for 3/8" to 7/8" Connections
L3-CS-15878	Universal Cold Shrink 7/8" to 7/8" and 1/2" through 7/8"
L3-CS-14S	Cold Shrink Kit, 1/4" Superflex Coax, 28.75MM Pre-Shrink ID, 7MM Post-Shrink ID



## WEATHERPROOFING

### 3M™ Slim Lock Closures



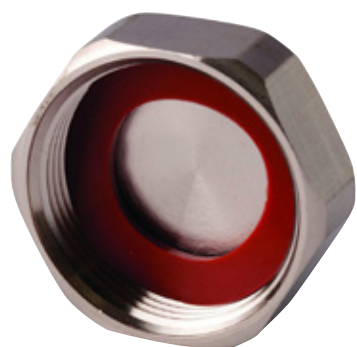
PART#	DESCRIPTION
SLC-716	Slim Lock Closure for 1/2" Jumper Coax Cable, DIN
SLC-A-MINI	Slim Lock Closure for 1/2" Jumper Coax Cable, Mini-DIN

### Slim Lock Closures



PART#	DESCRIPTION
L3-EN-12-ANT	1/2" Jumper to Antenna Gel Seal Slimline Enclosure
L3-EN-12-78	1/2" to 7/8" Hardline Gel Seal Slimline Enclosure
L3-EN-12-158	1/2" to 1 5/8" Hardline Gel Seal Slimline Enclosure
L3-EN-MDMD	Mini DIN Slimline Enclosure 4.3-10 Connection

### Caps



PART#	DESCRIPTION
L3-DF-CK	DIN(f) Cap Kit, Brass Cap
L3-MINI-DF-CK	Mini DIN(F) Cap Kit for Both 4.1-9.5 and 4.3-10





## HEAT SHRINK



## HEAT SHRINK

### Heat Shrink: 100' Rolls, 2:1 Ratio

PART#	DESCRIPTION	COLOR	RATIO
L3-HS-.25-BLK-SP	1/4" x 100' Spool. Thin Wall	Black	2:1
L3-HS-.25-BLU-SP	1/4" x 100' Spool. Thin Wall	Blue	2:1
L3-HS-.25-CLR-SP	1/4" x 100' Spool. Thin Wall	Clear	2:1
L3-HS-.375-BLK-SP	3/8" x 100' Spool. Thin Wall	Black	2:1
L3-HS-.375-BLU-SP	3/8" x 100' Spool. Thin Wall	Blue	2:1
L3-HS-.375-CLR-SP	3/8" x 100' Spool. Thin Wall	Clear	2:1
L3-HS-.5-BLK-SP	1/2" x 100' Spool. Thin Wall	Black	2:1
L3-HS-.5-BLU-SP	1/2" x 100' Spool. Thin Wall	Blue	2:1
L3-HS-.5-CLR-SP	1/2" x 100' Spool. Thin Wall	Clear	2:1
L3-HS-.75-BLK-SP	3/4" x 100' Spool. Thin Wall	Black	2:1
L3-HS-.75-CLR-SP	3/4" x 100' Spool. Thin Wall	Clear	2:1
L3-HS-1.0-BLK-SP	1" x 100' Spool. Thin Wall	Black	2:1
L3-HS-1.0-CLR-SP	1" x 100' Spool. Thin Wall	Clear	2:1
L3-HS-1.5-BLK-SP	1.5" x 100' Spool. Thin Wall	Black	2:1
L3-HS-1.5-BLU-SP	1.5" x 100' Spool. Thin Wall	Blue	2:1
L3-HS-1.5-CLR-SP	1.5" x 100' Spool. Thin Wall	Clear	2:1

### Heat Shrink: 48" Sticks, 2:1 Ratio

PART#	DESCRIPTION	COLOR	RATIO
L3-HS-.25-BLK-48	1/4" x 48" Stick. Thin Wall	Black	2:1
L3-HS-.25-CLR-48	1/4" x 48" Stick. Thin Wall	Clear	2:1
L3-HS-.375-BLK-48	3/8" x 48" Stick. Thin Wall	Black	2:1
L3-HS-.375-CLR-48	3/8" x 48" Stick. Thin Wall	Clear	2:1
L3-HS-.5-BLK-48	1/2" x 48" Stick. Thin Wall	Black	2:1
L3-HS-.5-CLR-48	1/2" x 48" Stick. Thin Wall	Clear	2:1
L3-HS-.75-BLK-48	3/4" x 48" Stick. Thin Wall	Black	2:1
L3-HS-.75-CLR-48	3/4" x 48" Stick. Thin Wall	Clear	2:1
L3-HS-1.0-BLK-48	1" x 48" Stick. Thin Wall	Black	2:1
L3-HS-1.0-CLR-48	1" x 48" Stick. Thin Wall	Clear	2:1

### Heat Shrink: 48" Sticks, 3:1 Ratio with Adhesive

PART#	DESCRIPTION	COLOR	RATIO
L3-HS-.25-BLK-48-ADH	1/4" x 48" Light Duty with Adhesive	Black	3:1
L3-HS-.25-CLR-48-ADH	1/4" x 48" Light Duty with Adhesive	Clear	3:1
L3-HS-.375-BLK-48-ADH	3/8" x 48" Light Duty with Adhesive	Black	3:1
L3-HS-.375-CLR-48-ADH	3/8" x 48" Light Duty with Adhesive	Clear	3:1
L3-HS-.5-BLK-48-ADH	1/2" x 48" Light Duty with Adhesive	Black	3:1
L3-HS-.5-CLR-48-ADH	1/2" x 48" Light Duty with Adhesive	Clear	3:1
L3-HS-.75-BLK-48-ADH	3/4" x 48" Light Duty with Adhesive	Black	3:1
L3-HS-.75-CLR-48-ADH	3/4" x 48" Light Duty with Adhesive	Clear	3:1
L3-HS-1.5-BLK-48-ADH	1.50" x 48" Light Duty with Adhesive	Black	3:1
L3-HS-1.5-CLR-48-ADH	1.50" x 48" Light Duty with Adhesive	Clear	3:1

### Heavy Duty Marine Grade Heat Shrink

PART#	DESCRIPTION	COLOR	RATIO	QUANTITY
L3-HS-HD-1.5x48-EA	1.50" x 48" Heavy Duty with Adhesive	Black	3:1	20





# GROUNDING

Ground Bars

Lugs

Tools

Arrestor Racks

Copper Clad Ground Rods

Galvanized Ground Rods

Insulated P-Clips

Copper Split Bolts

C-Taps

Test Wells

Ground Wire

Coaxial Protection

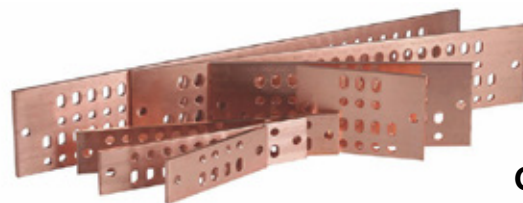
Exothermic Shots

Exothermic Molds



## GROUND BARS

## GROUND BARS



### Copper Grounding Bars

### Tinned Copper Grounding Bars

PART#	DESCRIPTION
L3-GBU1426	Universal Copper Ground Bar, 2" x 6"
L3-GBU14210	Universal Copper Ground Bar, 2" x 10"
L3-GBU14212	Universal Copper Ground Bar, 2" x 12"
L3-GBU14214	Universal Copper Ground Bar, 2" x 14"
L3-GBU1446	Universal Copper Ground Bar, 4" x 6"
L3-GBU1448	Universal Copper Ground Bar, 4" x 8"
L3-GBU14412	Universal Copper Ground Bar, 4" x 12"
L3-GBU14414	Universal Copper Ground Bar, 4" x 14"
L3-GBU14420	Universal Copper Ground Bar, 4" x 20"
L3-GBU14424	Universal Copper Ground Bar, 4" x 24"

PART#	DESCRIPTION
L3-GBU1426-T	Universal Tinned Ground Bar, 2" x 6"
L3-GBU14210-T	Universal Tinned Ground Bar, 2" x 10"
L3-GBU14212-T	Universal Tinned Ground Bar, 2" x 12"
L3-GBU14214-T	Universal Tinned Ground Bar, 2" x 14"
L3-GBU1446-T	Universal Tinned Ground Bar, 4" x 6"
L3-GBU1448-T	Universal Tinned Ground Bar, 4" x 8"
L3-GBU14412-T	Universal Tinned Ground Bar, 4" x 12"
L3-GBU14414-T	Universal Tinned Ground Bar, 4" x 14"
L3-GBU14420-T	Universal Tinned Ground Bar, 4" x 20"
L3-GBU14424-T	Universal Tinned Ground Bar, 4" x 24"

Note: Ground Bars with Complete Hardware Kits Available  
Custom Ground Bars Available

Note: Ground Bars with Complete Hardware Kits Available  
Custom Ground Bars Available

### Copper Grounding Bars - AT&T Stamped

### Tinned Copper Ground Bars - AT&T Stamped

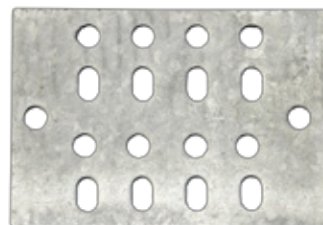
PART#	DESCRIPTION
L3-GBU1426-ATT	Universal Copper Ground Bar, 2" x 6" - AT&T Stamped
L3-GBU14210-ATT	Universal Copper Ground Bar, 2" x 10" - AT&T Stamped
L3-GBU14212-ATT	Universal Copper Ground Bar, 2" x 12" - AT&T Stamped
L3-GBU14214-ATT	Universal Copper Ground Bar, 2" x 14" - AT&T Stamped
L3-GBU1446-ATT	Universal Copper Ground Bar, 4" x 6" - AT&T Stamped
L3-GBU1448-ATT	Universal Copper Ground Bar, 4" x 8" - AT&T Stamped
L3-GBU14412-ATT	Universal Copper Ground Bar, 4" x 12" - AT&T Stamped
L3-GBU14414-ATT	Universal Copper Ground Bar, 4" x 14" - AT&T Stamped
L3-GBU14420-ATT	Universal Copper Ground Bar, 4" x 20" - AT&T Stamped
L3-GBU14424-ATT	Universal Copper Ground Bar, 4" x 24" - AT&T Stamped

PART#	DESCRIPTION
L3-GBU1426-T-ATT	Universal Tinned Ground Bar, 2" x 6" - AT&T Stamped
L3-GBU14210-T-ATT	Universal Tinned Ground Bar, 2" x 10" - AT&T Stamped
L3-GBU14212-T-ATT	Universal Tinned Ground Bar, 2" x 12" - AT&T Stamped
L3-GBU14214-T-ATT	Universal Tinned Ground Bar, 2" x 14" - AT&T Stamped
L3-GBU1446-T-ATT	Universal Tinned Ground Bar, 4" x 6" - AT&T Stamped
L3-GBU1448-T-ATT	Universal Tinned Ground Bar, 4" x 8" - AT&T Stamped
L3-GBU14412-T-ATT	Universal Tinned Ground Bar, 4" x 12" - AT&T Stamped
L3-GBU14414-T-ATT	Universal Tinned Ground Bar, 4" x 14" - AT&T Stamped
L3-GBU14420-T-ATT	Universal Tinned Ground Bar, 4" x 20" - AT&T Stamped
L3-GBU14424-T-ATT	Universal Tinned Ground Bar, 4" x 24" - AT&T Stamped

Note: Ground Bars with Complete Hardware Kits Available  
Custom Ground Bars Available

Note: Ground Bars with Complete Hardware Kits Available  
Custom Ground Bars Available

## GROUND BARS



### Galvanized Steel Grounding Bars

PART#	DESCRIPTION
L3-GBU14412-G	Galvanized Steel Ground Bar, 4" x 12"
L3-GBU14420-G	Galvanized Steel Ground Bar, 4" X 20"
L3-GBU14424-G	Galvanized Steel Ground Bar, 4" x 24"



### Equipment Rack Grounding Bars

PART#	DESCRIPTION
L3-GRB-0119	Universal Copper Rack Ground Bar, 1" x 19"
L3-GRB-0219	Universal Copper Rack Ground Bar, 2" x 19"
L3-GRB-0223	Universal Copper Rack Ground Bar, 2" x 23"

### Buss Bar Hardware Kits

PART#	DESCRIPTION
L3-BB-HK	Bus Bar Hardware Kit
L3-BB-HK-TD	Theft Deterrent Hardware Kit—4-3/8" x 3/4" Bolts with Tool
L3-BB-HK-TOWER	Bus Bar Hardware Kit for Tower Mounting - No Brackets
L3-BB-HK-SHELTER	Insulated Buss Bar Hardware Kit for Shelter
L3-BB-HK-ISO	19 Rack Mounting Hardware Kit, Includes (2) 2" x 7/8" Insulators (4) 1/4" x 3/4" Pan Head Screws (4) 1/4" Nylon Bushing
L3-BB-HK-ISO-2	19 Rack Mounting Hardware Kit, Includes (2) 3-1/2" x 7/8" Insulators (4) 1/4" x 3/4" Pan Head Screws (4) 1/4" Nylon Bushing



## LUGS

### Universal Lugs - No Inspection Window

PART#	GAUGE	STUD SIZE	HOLE SPACING	COLOR CODE
L3-62-38U	#6	3/8" Slotted	3/4"-1"	Blue
L3-2S2-38U	2 Solid, #3, #4	3/8" Slotted	3/4"-1"	Gray
L3-22-38U	#2	3/8" Slotted	3/4"-1"	Brown

### One Hole Lugs - No Inspection Window

PART#	GAUGE	STUD SIZE	COLOR CODE
L3-8-14	#8	1/4"	Red
L3-6-14	#6	1/4"	Blue
L3-6-516	#6	5/16"	Blue
L3-6-38	#6	3/8"	Blue
L3-2S-38	2 Solid, #3, #4	3/8"	Gray
L3-2-14	#2	1/4"	Brown
L3-2-516	#2	5/16"	Brown
L3-2-38	#2	3/8"	Brown

### Two Hole Lugs - No Inspection Window

PART#	GAUGE	STUD SIZE	HOLE SPACING	COLOR CODE
L3-1410-14	#14-#10	1/4"	5/8" (.625)	Yellow
L3-1410-25-1	#14-#10	1/4"	1"	Yellow
L3-1410-38-1	#14-#10	3/8"	1"	Yellow
L3-82-14	#8	1/4"	5/8" (.625)	Red
L3-82-10	#8	#10	5/8" (.625)	Red
L3-62-14	#6	1/4"	5/8" (.625)	Blue
L3-62-34	#6	1/4"	3/4" (.75)	Blue
L3-62-25-1	#6	1/4"	1"	Blue
L3-62-38-1	#6	3/8"	1"	Blue
L3-2S2-14	2 Solid, #3, #4	1/4"	5/8" (.625)	Gray
L3-2S2-38-1	2 Solid, #3, #4	3/8"	1"	Gray
L3-22-14	#2	1/4"	5/8" (.625)	Brown
L3-22-25-1	#2	1/4"	1"	Brown
L3-22-38-1	#2	3/8"	1"	Brown
L3-22-34	#2	1/4"	3/4" (.75)	Brown

### Universal Lugs - Inspection Window

PART#	GAUGE	STUD SIZE	HOLE SPACING	COLOR CODE
L3-i62-38U	#6	3/8" Slotted	3/4"-1"	Blue
L3-i2S2-38U	2 Solid, #3, #4	3/8" Slotted	3/4"-1"	Gray
L3-i22-38U	#2	3/8" Slotted	3/4"-1"	Brown
L3-i1410-14U	#14-#10	1/4"		Yellow



## LUGS

### One Hole Lugs - Inspection Window

PART#	GAUGE	STUD SIZE	COLOR CODE
L3-i8-14	#8	1/4"	Red
L3-i6-14	#6	1/4"	Blue
L3-i6-38	#6	3/8"	Blue
L3-i1410	#14-#10	1/4"	Yellow
L3-i2S-38	2 Solid, #3, #4	3/8"	Gray
L3-i2-14	#2	1/4"	Brown
L3-i2-516	#2	5/16"	Brown
L3-i2-38	#2	3/8"	Brown

### Two Hole Lugs - Inspection Window

PART#	GAUGE	STUD SIZE	HOLE SPACING	COLOR CODE
L3-i1410-14	#14-#10	1/4"	5/8" (.625)	Yellow
L3-i1410-25-1	#14-#10	1/4"	1"	Yellow
L3-i1410-38-1	#14-#10	3/8"	1"	Yellow
L3-i82-10	#8	#10	5/8" (.625)	Red
L3-i82-14	#8	1/4"	5/8" (.625)	Red
L3-i62-14	#6	1/4"	5/8" (.625)	Blue
L3-i62-25-1	#6	1/4"	1"	Blue
L3-i62-38-1	#6	3/8"	1"	Blue
L3-i2S2-14	2 Solid, #3, #4	1/4"	5/8" (.625)	Gray
L3-i2S2-38-1	2 Solid, #3, #4	3/8"	1"	Gray
L3-i22-14	#2	1/4"	5/8" (.625)	Brown
L3-i22-34	#2	1/4"	3/4" (.75)	Brown
L3-i22-25-1	#2	1/4"	1"	Brown
L3-i22-38-1	#2	3/8"	1"	Brown

### Two Hole Flex Lugs - Inspection Window

PART#	GAUGE	STUD SIZE	HOLE SPACING	COLOR CODE
L3-i1/02-14FX	1/0	1/4"	5/8" (.625)	Pink
L3-i1/02-38-1FX	1/0	3/8"	1"	Pink
L3-i2/02-38-1FX	2/0	3/8"	1"	Black
L3-i2/02-14FX	2/0	1/4"	5/8"	Black
L3-i22-14FX	#2	1/4"	5/8" (.625)	Brown
L3-i42-14FX	#4	1/4"	5/8" (.625)	Brown
L3-i4/02-14-34FX	4/0	1/4"	3/4" (.75)	Purple
L3-i4/02-14-58FX	4/0	1/4"	5/8" (.625)	Purple
L3-i4/02-38-1FX	4/0	3/8"	1"	Purple
L3-i62-14FX	#6	1/4"	5/8" (.625)	Blue



## LUGS/TOOLS

### Short Barrel Lugs - Inspection Window

PART#	GAUGE	STUD SIZE	HOLE SPACING	COLOR CODE
L3-i14S	#14-#10	#8 - #10		Yellow
L3-i1410-14S	#14-#10	1/4"	5/8" (.625)	Yellow
L3-i22-25-1S	#2	1/4"	1"	Brown
L3-i82-14S	#8	1/4"	5/8" (.625)	Red
L3-i1410-10S	#10	#10	5/8" (.625)	Yellow
L3-i62-10S	#6	#10	5/8" (.625)	Blue
L3-i82-10S	#8	#10	5/8" (.625)	Red
L3-i2S2-10S	#2	#10	5/8" (.625)	Gray

### 90 Degree (Right Angle) Lugs

PART#	GAUGE	STUD SIZE	DESCRIPTION	COLOR CODE
L3-8-14R	#8	1/4"	1 Hole, No Inspection Window	Red
L3-i6-14R	#6	1/4"	1 Hole, with Inspection Window	Blue
L3-i22-14R	#2	1/4"	2 Hole, with Inspection Window, 5/8" Hole Spacing	Brown
L3-22-34R	#2	1/4"	2 Hole, No Inspection Window, 3/4" Hole Spacing	Brown
L3-22-14R	#2	1/4"	2 Hole, No Inspection Window, 5/8" Hole Spacing	Brown

### Barrel Splice Lugs

PART#	GAUGE	STUD SIZE	COLOR CODE
L3-BS8	#8	2-1/4"	Red
L3-BS6	#6	2-1/4"	Blue
L3-BS2S	2 Solid, #3, #4	2-3/8"	Gray
L3-BS2	#2	2-1/2"	Brown

### Crimp Tools

PART#	DESCRIPTION
L3-CRIMPER	Hard Crimp Tool for #8, #6, #2 & #2 Solid Wire
L3-CRIMPER-14-6	Hand Ratcheting Crimp Tool for Terminal Lugs Sizes : #14-10, #6, & #8



## GROUNDING MATERIAL



### Arrestor Racks

PART#	DESCRIPTION
L3-ATK-U	Arrestor Trapeze Buss Kit, 3 Tier, 18" Wide (for 4 Hole EP)

### Copper Clad Ground Rods

PART#	DESCRIPTION
L3-GR588	Copper Clad Ground Rod, 5/8" x 8'
L3-GR5810	Copper Clad Ground Rod, 5/8" x 10'

### Galvanized Ground Rods

PART#	DESCRIPTION
L3-GR 588-GAL	Galvanized Steel Ground Rod, 5/8" x 8'
L3-GR 5810-GAL	Galvanized Steel Ground Rod, 5/8" x 10'

### Insulated P-Clips

PART#	DESCRIPTION	QUANTITY
L3-PCLIP-1414-EA	1/4" Insulated Carbon Steel P-Clips, 1/4" Mounting Hole	Each
L3-PCLIP-1412-EA	1/2" Insulated Carbon Steel P-Clips, 1/4" Mounting Hole	Each
L3-PCLIP-1438-EA	3/8" Insulated Carbon Steel P-Clips, 1/4" Mounting Hole	Each
L3-PCLIP-3814-EA	1/4" Insulated Carbon Steel P-Clips, 3/8" Mounting Hole	Each



## GROUNDING MATERIAL

### Copper Split Bolts

PART#	DESCRIPTION
L3-IK-2	Copper Split Bolt, #2 to #6 Solid



### Light Duty C-Taps

PART#	DESCRIPTION
L3-CTLD-2-6	Thin Wall C-Tap, #2 Stranded - #6 Solid, Pink Die
L3-CTLD-2-2/2	Thin Wall C-Tap, #2 to #2, Orange Die
L3-CTLD-1/0-2	Thin Wall C-Taps Run Wire 1 Tap Wire 2-1 Str, Purple Die
L3-CTLD-2/0-2STR	Thin Wall C-Taps Run Wire 2/0 Tap Wire 2 Str, Yellow Die
L3-CTLD-2SOL-6	Thin Wall C-Taps Run Wire - 2 Solid Tap Wire - 6, Green Die
L3-CTLD-12-1	Thin Wall C-Taps Run Wire -12 Tap Wire -1, Black Die
L3-CTLD-12-4	Thin Wall C-Taps Run Wire 6-8, Tap Wire 12-6, Brown Die



### Heavy Duty C-Taps

PART#	DESCRIPTION
L3-CTHD-2-2	Heavy Duty C-Tap, Orange, #2 to #2
L3-CTHD-6-6	Heavy Duty C-Taps Run Wire - 6 Tap Wire - 6
L3-CTHD-2/0-2/0	Heavy Duty C-Taps Run Wire - 2/0 Tap Wire - 2/0
L3-CTHD-2SOL-6	Heavy Duty C-Taps Run Wire - 2 Sol/Str Tap Wire - 6
L3-CTHD-4/0-4/0	Heavy Duty C-Taps Run Wire - 4/0 Tap Wire - 4/0



### Test Wells

PART#	DESCRIPTION
L3-TWP-1212	Test Well; Sch 40 PVC, Cast Iron Cover Marked "Ground" - 12" Diameter x 12" Deep
L3-TWP-1224	Test Well; Sch 40 PVC, Cast Iron Cover Marked "Ground" - 12" Diameter x 24" Deep
L3-TWP-1248	Test Well; Sch 40 PVC, Cast Iron Cover Marked "Ground" - 12" Diameter x 48" Deep





## GROUND WIRE

### Solid Tinned



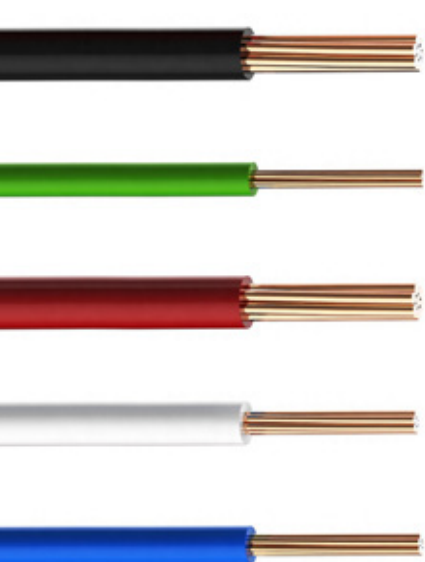
PART#	DESCRIPTION
L3-2T	#2 AWG Solid Tinned Copper Ground Wire
L3-6T	#6 AWG Solid Tinned Copper Ground Wire

### Stranded Tinned - THW



PART#	DESCRIPTION	JACKET COLORS
L3-2-7TG	#2 AWG THW-2 Outdoor Ground Conductor; Tinned Copper	Green
L3-2-THWG	#2 AWG THW-2 Outdoor Ground Conductor; Tinned Copper; Sun Resistant	Green
L3-6-7TG	#6 AWG THW-2 Outdoor Ground Conductor; Tinned Copper	Green
L3-6-THWG	#6 AWG THW-2 Outdoor Ground Conductor; Tinned Copper; Sun Resistant	Green

### Stranded - THHN



PART#	DESCRIPTION	JACKET COLORS
L3-1-19-	Ground Conductor; Copper; #1 THHN Insulated; Stranded	Black, Green, Red, White, Blue
L3-2-19-	Ground Conductor; Copper; #2 THHN Insulated; Stranded	Black, Green, Red, White, Blue
L3-4-19-	Ground Conductor; Copper; #4 THHN Insulated; Stranded	Black, Green, Red, White, Blue
L3-6-19-	Ground Conductor; Copper; #6 THHN Insulated; Stranded	Black, Green, Red, White, Blue
L3-8-19-	Ground Conductor; Copper; #8 THHN Insulated; Stranded	Black, Green, Red, White, Blue
L3-10-19-	Ground Conductor; Copper; #10 THHN Insulated; Stranded	Black, Green, Red, White, Blue
L3-12-19-	Ground Conductor; Copper; #12 THHN Insulated; Stranded	Black, Green, Red, White, Blue
L3-14-19-	Ground Conductor; Copper; #14 THHN Insulated; Stranded	Black, Green, Red, White, Blue
L3-1/0-19-	Ground Conductor; Copper; 1/0 THHN Insulated; Stranded	Black, Green, Red, White, Blue
L3-2/0-19-	Ground Conductor; Copper; 2/0 THHN Insulated; Stranded	Black, Green, Red, White, Blue
L3-3/0-19-	Ground Conductor; Copper; 3/0 THHN Insulated; Stranded	Black, Green, Red, White, Blue

Note: Additional Types Available

### Stranded – TFFN

PART#	DESCRIPTION	JACKET COLORS
L3-16-19-	Ground Conductor; Copper; #16 TFFN Insulated; Stranded	Black, Green, Red, White, Blue

Note: Additional Types Available

## COAXIAL PROTECTION/SHOTS

### Handles

PART#	DESCRIPTION
L3-HANDLE	Mold Handle Clamp
L3-HANDLE-CHAIN	Mold Chain Handle Clamp with Removable Chain



### Flint Gun

PART#	DESCRIPTION
L3-FLINT	Flint Igniter



### Spare Discs

PART#	DESCRIPTION	QUANTITY
L3-DISK-M	Exothermic Discs for #90 & #115 Shots	Bag of 100
L3-DISK-S	Exothermic Discs for #45 & #65 Shots	Bag of 100



### Duct Seal

PART#	DESCRIPTION
L3-PUTTY-1	1 lb Packing Material
L3-PUTTY-5	5 lb Packing Material



### Cleaning

PART#	DESCRIPTION
L3-BRUSH	Mold Cleaning Brush

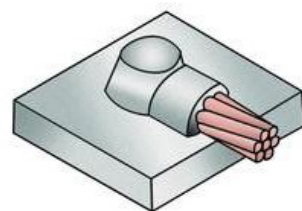


### Exothermic Shots

PART#	DESCRIPTION	QUANTITY
L3-TUBE-45	#45 Shots	Case of 20
L3-TUBE-65	#65 Shots	Case of 20
L3-TUBE-90	#90 Shots	Case of 10
L3-TUBE-115	#115 Shots	Case of 10
L3-TUBE-150	#150 Shots	Case of 10
L3-TUBE-200	#200 Shots	Case of 10
L3-TUBE-250	#250 Shots	Case of 10



## EXOTHERMIC MOLDS



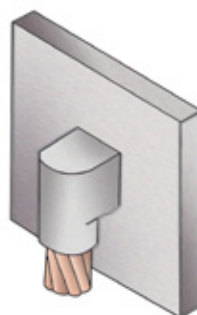
### 45 Degree Down - Vertical Pipe

PART#	DESCRIPTION
L3-SHEA 2AS	#2 Solid to Horizontal Flat
L3-WT 2AS-2AS	#2 Solid to #2 Solid Tee Connection



### Straight Down - Vertical Pipe

PART#	DESCRIPTION
L3-SVED 2AS-1.5-4	#2 Solid to #2 Solid Wire Drop to Pipe



### 45 Degree Up - Vertical Pipe

PART#	DESCRIPTION
L3-SVED 2AS	#2 Solid to Vertical Flat



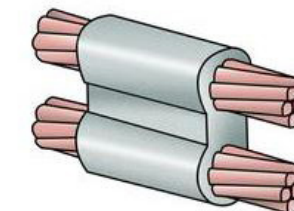
### Straight Up - Vertical Pipe

PART#	DESCRIPTION
L3-SVEU 2A-1.5-4	#2 Stranded to #2 Wire Up to Pipe Connection
L3-SVEU 2AS-1.5-4	#2 Solid to #2 Riser to Pipe Connector

## EXOTHERMIC MOLDS

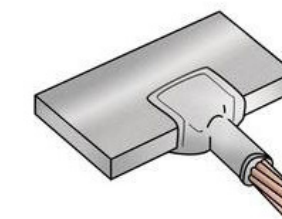
### Parallel Stack

PART#	DESCRIPTION
L3-WP-2AS-2AS	#2 Solid Parallel Connection
L3-SVES-2AS-1.5-4	#2 Solid to 1.5" to 4" Vertical Pipe Connection



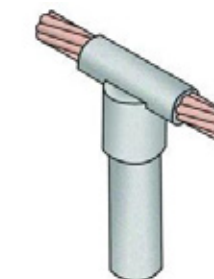
### Run & Tap

PART#	DESCRIPTION
L3-PT 2AS-0.25	#2 Solid to 0.25" Bus Bar Connection



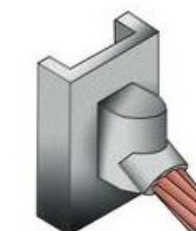
### Ground Rod

PART#	DESCRIPTION
L3-GET 15-2AS	#2 Solid to 5/8" Ground Rod



### Horizontal Flat Steel

PART#	DESCRIPTION
L3-SVES 2AS	#2 Solid to Vertical Flat Steel Connection



# CHEMICALS /PAINT

Copper Antioxidants  
Coating and Protectants  
Caulks



## COPPER ANTIOXIDANTS/ COATING AND PROTECTANTS/CAULKS

### Copper Antioxidants

PART#	DESCRIPTION
L3-NOOX	Oxide Inhibitor, 5oz



### Cold Galvanizing Spray

PART#	DESCRIPTION
L3-GALVSPRAY	Cold Galvanizing Compound Spray, 16oz Aerosol Can
L3-GALVSPRAY-BRITE	Brite Zinc Galvanizing Spray



### Silicone Sealant

PART#	DESCRIPTION
L3-SILICONE	Silicone Sealeant, Clear, 10oz Tube



### Firestop Sealant

PART#	DESCRIPTION
L3-FS-CAULK	Firestop Sealant, 10 oz Tube, Up to 4 hr Fire Rating, Red



### Seal Inspection Lacquers

PART#	DESCRIPTION
L3-TORQUESEAL	Paint Torque Seal, Orange, 1oz Tube



### PVC Solvent Cement

PART#	DESCRIPTION
L3-PVC-GLUE	PVC Glue, 1 Quart





# SHELTER MATERIAL

Interior Ladder Rack Accessories  
 Equipment Racks/Accessories  
 Tags  
 Twine  
 Fish Paper



## INTERIOR LADDER RACK ACCESSORIES

### Hanger Brackets

PART#	DESCRIPTION	QUANTITY
L3-HB112	Hanger Bracket, 1-1/2" Stringer for 5/8" Rod, Yellow Zinc	Bag of 2
L3-HB1R-S	Slotted Hanger Bracket, 1-1/2" Stringer for 5/8" Rod, Yellow Zinc	Bag of 2



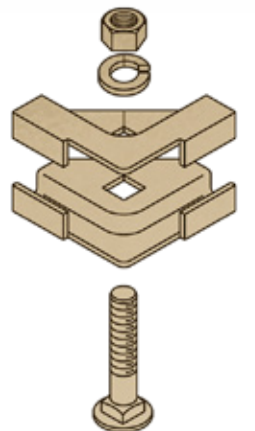
### Ceiling Brackets

PART#	DESCRIPTION
L3-CHB-58	Ceiling Hanger Bracket, Yellow Zinc for 5/8" Threaded Rod



### Splices

PART#	DESCRIPTION	QUANTITY
L3-SPLICE-S112	Straight Splice for 1-1/2" Stringer, Yellow Zinc	Bag of 2
L3-SPLICE-VA112-SIDE	Vertical Adjustable Splice for 1-1/2" Stringer, Side Mount, Yellow Zinc	Bag of 2
L3-SPLICE-VA112-STR	Vertical Adjustable Splice for 1-1/2" Stringer, Straight Mount, Yellow Zinc	Bag of 2
L3-SPLICE-HT12	Horizontal T-Splice for 1-2" Stringer, Yellow Zinc	Bag of 2

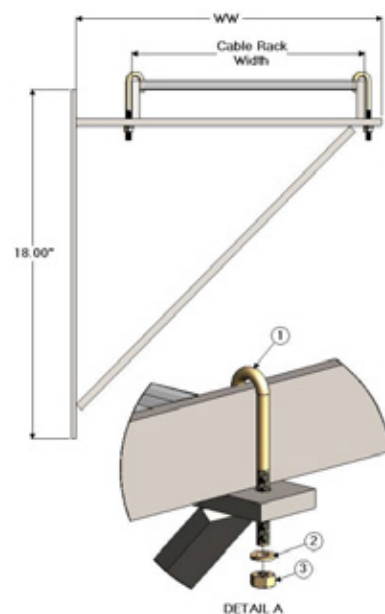


### Wall Hold Down Brackets

PART#	DESCRIPTION	QUANTITY
L3-WHDB-112	Wall Hold Down Bracket for 1-1/2", Yellow Zinc	Bag of 2
L3-WHDB-112-K	Wall Hold Down Bracket w/ Hardware for 1-1/2", Yellow Zinc	Bag of 2



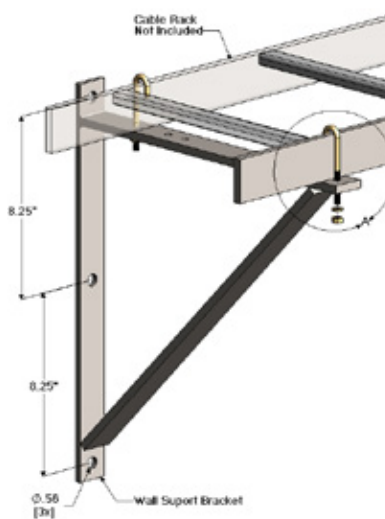
## INTERIOR LADDER RACK ACCESSORIES



### End Wall Support

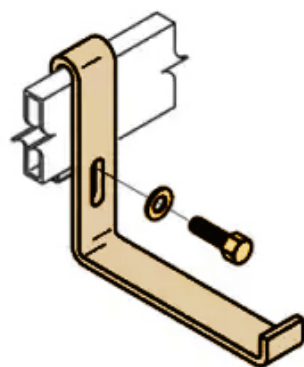
PART#	DESCRIPTION
L3-EWSA-6G	End Wall Support Angle 6" w/ Hardware for 1-1/2", Gray
L3-EWSA-6YZ	End Wall Support Angle 6" w/ Hardware for 1-1/2", Yellow Zinc
L3-EWSA-12G	End Wall Support Angle 12" w/ Hardware for 1-1/2", Gray
L3-EWSA-12YZ	End Wall Support Angle 12" w/ Hardware for 1-1/2", Yellow Zinc
L3-EWSA-18G	End Wall Support Angle 18" w/ Hardware for 1-1/2", Gray
L3-EWSA-18YZ	End Wall Support Angle 18" w/ Hardware for 1-1/2", Yellow Zinc
L3-EWSA-24G	End Wall Support Angle 24" w/ Hardware for 1-1/2", Gray
L3-EWSA-24YZ	End Wall Support Angle 24" w/ Hardware for 1-1/2", Yellow Zinc

### Side Wall Support



PART#	DESCRIPTION
L3-SWSB-6G	Side Wall Support Bracket 6" w/ Hardware for 1-1/2", Gray
L3-SWSB-6YZ	Side Wall Support Bracket 6" w/ Hardware for 1-1/2", Yellow Zinc
L3-SWSB-12G	Side Wall Support Bracket 12" w/ Hardware for 1-1/2", Gray
L3-SWSB-12YZ	Side Wall Support Bracket 12" w/ Hardware for 1-1/2", Yellow Zinc
L3-SWSB-18G	Side Wall Support Bracket 18" w/ Hardware for 1-1/2", Gray
L3-SWSB-18YZ	Side Wall Support Bracket 18" w/ Hardware for 1-1/2", Yellow Zinc
L3-SWSB-24G	Side Wall Support Bracket 24" w/ Hardware for 1-1/2", Gray
L3-SWSB-24YZ	Side Wall Support Bracket 24" w/ Hardware for 1-1/2", Yellow Zinc

### Cable Hangers



PART#	DESCRIPTION
L3-ACB2	Cable Support Hanger 4-1/2" Drop x 5" Wide, 1-1/2", Yellow Zinc
L3-ACB6	Cable Support Hanger 6" Drop x 4" Wide, 1-1/2", Yellow Zinc

## INTERIOR LADDER RACK ACCESSORIES

### Earthquake Bracing

PART#	DESCRIPTION
L3-ADB-58	Angle Drop Bracket w/ 1/2" Hardware 5/8" and 1/2" Hole
L3-INS38	Insulator (Cherry) for 3/8" Hardware
L3-INS58	Insulator (Cherry) for 5/8" Hardware



### Earthquake Brace Kit

PART#	DESCRIPTION
L3-EARTHQUAKEBRACE	Equipment Rack Earthquake Brace Kit

#### INCLUDES:

- Two 90 Degree Brackets
- One 5/8" Isolator
- Eight 5/8-11" Hex Nuts
- Eight 5/8" Lock Washers
- Four 5/8-11" x 3-1/2" Hex Head MB
- Four 5/8-11" x 1" Hex Head MB
- One Runway Support Kit
- One 5/8-11" x 36" Threaded Rod



### Stringer End Caps

PART#	DESCRIPTION	QUANTITY
L3-EC-STRINGER-EA	Rubber End Cap for 1-1/2" Stringer, Black	Each



## EQUIPMENT RACKS/ACCESSORIES



### Equipment Racks

PART#	DESCRIPTION
L3-ER1984-B	Equipment Rack, 19" x 84", Bolted, 1.75" Spacing, Double Sided, Gray
L3-ER1984-W	Equipment Rack, 19" x 84", Welded, 1.75" Spacing, Double Sided, Gray



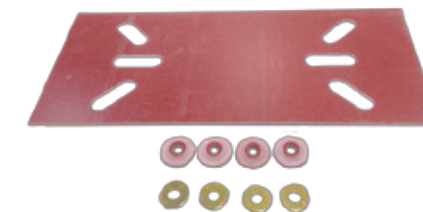
### Rack Adapters

PART#	DESCRIPTION
L3-RA01i	Rack Adapter, 1 RU, 19" to 23" with Isolation Pads
L3-RA02i	Rack Adapter, 2 RU, 19" to 23" with Isolation Pads
L3-RA03i	Rack Adapter, 3 RU, 19" to 23" with Isolation Pads
L3-RA04i	Rack Adapter, 4 RU, 19" to 23" with Isolation Pads
L3-RA05i	Rack Adapter, 5 RU, 19" to 23" with Isolation Pads

## EQUIPMENT RACKS/ACCESSORIES

### Insulating Pads

PART#	DESCRIPTION
L3-IP-19R	Insulating Pad for 19" Rack
L3-IP-23R	Insulating Pad for 23" Rack



### Pan Pole Stand Offs

PART#	DESCRIPTION	QUANTITY
L3-PPSO-2	Pan Pole Stand Off 2" Long with Hardware, Nylon	Bag of 10
L3-PPSO-4.6	Pan Pole Stand Off 4.6" Long with Hardware, Nylon	Bag of 10



### Cable Brackets

PART#	DESCRIPTION
L3-CAB412	Cable Bracket with Hardware, Zinc, 4-1/2" Long



## TAGS/TWINE/FISH PAPER

### Fiber Tags

PART#	DESCRIPTION	QUANTITY
L3-FTAG-1.75	Fiber Tags, Gray, 1-3/4" x 1"	Bag of 100
L3-FTAG-1.75-WHT	Fiber Tags, White Nylon, 1-3/4" x 1"	Bag of 100

### Wax String

PART#	DESCRIPTION	QUANTITY
L3-WAXSTRING	Wax String, 9 Ply, 585'	195 Yards

### DND Tags

PART#	DESCRIPTION
L3-BRASSTAG-DND	L3-BRASSTAG-DND
L3-BRASSTAG	L3-BRASSTAG

### Fish Paper - Adhesive

PART#	DESCRIPTION
L3-FISHPAPER-3X50-ADH	Fish Paper .010" x 3" x 50', Gray, Adhesive
L3-FISHPAPER-5X50-ADH	Fish Paper .010" x 5" x 50', Gray, Adhesive

Note: Additional Sizes Available Upon Request

### Fish Paper - Non Adhesive

PART#	DESCRIPTION
L3-FISHPAPER-10x2	Fish Paper .010" x 10" x 2', Gray
L3-FISHPAPER-6X10	Fish Paper .010" x 6" x 10', Gray
L3-FISHPAPER-5X50	Fish Paper .010" x 5" x 50', Gray
L3-FISHPAPER-12X50	Fish Paper .010" x 12" x 50', Gray

Note: Additional Sizes Available Upon Request



# STRUT /ACCESSORIES

Strut  
Fittings  
End Caps



## STRUT/FITTINGS

### Pre-Galvanized Strut

PART#	DESCRIPTION
L3-STRUT158	Strut, 1-5/8" x 10', 1/2" X 1-1/2" Slot, Pre-Galvanized
L3-STRUT158L	Strut, 1-5/8" X 10, 1/2" X 1-1/2" Long Slot, Pre-Galvanized

### Hot-Dipped Strut

PART#	DESCRIPTION
L3-STRUT78-HDG	Strut, 7/8" X 10', 1/2" X 1-1/2" Slot, Hot-Dipped Galvanized
L3-STRUT158-HDG	Strut, 1-5/8" X 10', 1/2" X 1-1/2" Slot, Hot-Dip Galvanized
L3-STRUT158L-HDG	Strut, 1-5/8" X 10', 1/2" X 1-1/2" Slot, Hot-Dip Galvanized, Deep

### Snap-In Strut

PART#	DESCRIPTION
L3-STRUT-ALT-HDG	Snap-In Strut, Galvanized, 10', 3/4" and 1/2" Alternating Slots, Shallow
L3-STRUT-ALT	Snap-In Strut, Pre-Galvanized, 10', 3/4" and 1/2" Alternating Slots, Shallow

### Anchor Rail Adapters

PART#	DESCRIPTION
L3-ARA-22	Anchor Rail Adapter with 3/4" Hole

## STRUT/FITTINGS

### Strut Straps - Galvanized

PART#	DESCRIPTION
L3-STRUTSTRAP12-GAL	Strut Strap; 1/2" ID Galvanized
L3-STRUTSTRAP34-GAL	Strut Strap; 3/4" ID Galvanized
L3-STRUTSTRAP1-GAL	Strut Strap; 1" ID Galvanized
L3-STRUTSTRAP114-GAL	Strut Strap; 1-1/4" ID Galvanized
L3-STRUTSTRAP112-GAL	Strut Strap; 1-1/2" ID Galvanized
L3-STRUTSTRAP2-GAL	Strut Strap; 2" ID Galvanized
L3-STRUTSTRAP212-GAL	Strut Strap; 2-1/2" ID Galvanized
L3-STRUTSTRAP3-GAL	Strut Strap; 3" ID Galvanized
L3-STRUTSTRAP4-GAL	Strut Strap; 4" ID Galvanized
L3-STRUTSTRAP5-GAL	Strut Strap; 5" ID Galvanized
L3-STRUTSTRAP6-GAL	Strut Strap; 6" ID Galvanized

### Strut Caps for 7/8" Strut

PART#	DESCRIPTION	QUANTITY
L3-EC-R-78-RED	End Cap, Red for 7/8" Strut	Bag of 100
L3-EC-W-78-WHITE	End Cap, White for 7/8" Strut	Bag of 100
L3-EC-B-78-BLACK	End Cap, Black for 7/8" Strut	Bag of 100
L3-EC-Y-78-YELLOW	End Cap, Yellow for 7/8" Strut	Bag of 100

### Strut Caps for 1-5/8" Strut

PART#	DESCRIPTION	QUANTITY
L3-EC-158-R-EA	End Cap, Red for 1-5/8" Strut	Bag of 100
L3-EC-158-W-EA	End Cap, White for 1-5/8" Strut	Bag of 100
L3-EC-158-B-EA	End Cap, Black for 1-5/8" Strut	Bag of 100



# HARDWARE

- Bolts
- Washers
- Nuts
- U-Bolts
- Threaded Rods
- Shackles



## BOLTS

### Stainless Steel Bolts

PART#	DESCRIPTION
L3-BOLT14X34SS	1/4"-20 x 3/4" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT14X1SS	1/4"-20 x 1" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT14X114SS	1/4"-20 x 1-1/4" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT14X114SS-FT	1/4"-20 x 1-1/4" 304 Stainless Steel Full Thread Tap Bolt
L3-BOLT14X134SS	1/4"-20 x 1-3/4" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT14X2SS	1/4"-20 x 2" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT38X34SS	3/8"-16 x 3/4" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT38X1SS	3/8"-16 x 1" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT38X114SS-FT	3/8"-16 x 1-1/4" Grade 18-8 Stainless Steel Hex Full Thread Cap Bolt
L3-BOLT38X112SS	3/8"-16 x 1-1/2" 304 Stainless Steel Tap Bolt
L3-BOLT38X112SS-FT	3/8"-16 x 1-1/2" 304 Stainless Steel Full Thread Tap Bolt
L3-BOLT38X134SS	3/8"-16 x 1-3/4" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT38X2SS	3/8"-16 x 2" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT38X212SS	3/8"-16 x 2-1/2" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT38X3SS	3/8"-16 x 3" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT12X1SS	1/2"-13 x 1" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT12X112SS	1/2"-13 x 1-1/2" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT12X2SS	1/2"-13 x 2" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT12X212SS	1/2"-13 x 2-1/2" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT12X4SS	1/2"-13 x 4" Grade 18-8 Stainless Steel Hex Cap Bolt
L3-BOLT12X6SS	1/2"-13 x 6" Grade 18-8 Stainless Steel Hex Cap Bolt



### Stainless Steel Hardware Kits

PART#	DESCRIPTION	QUANTITY
L3-WGHK38-A	3/8"- 16 x 1" Stainless Steel Bolt, Tooth Washer, Hex Nut	Kit of 40
L3-WGHK38-B	3/8- 16 x 1-1/4 Stainless Steel Bolt, Flat, Lock, Hex Nut	Kit of 40



## BOLTS



### Grade 5 - Galvanized

PART#	DESCRIPTION
L3-BOLT38X114GAL-G5	3/8"-16 x 1-1/4" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT38X112GAL-G5	3/8"-16 x 1-1/2" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT38X2GAL-G5	3/8"-16 x 2" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT12X1GAL-G5	1/2"-13 x 1" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT12X112GAL-G5	1/2"-13 x 1-1/2" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT12X2GAL-G5	1/2"-13 x 2" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT12X212GAL-G5	1/2"-13 x 2-1/2" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT12X3GAL-G5	1/2"-13 x 3" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT12X4GAL-G5	1/2"-13 x 4" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT12X412GAL-G5	1/2"-13 x 4-1/2" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT12X5GAL-G5	1/2"-13 x 5" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT58X112GAL-G5	5/8"-11 x 1-1/2" Hex Tap Bolt Grade 5 Galvanized
L3-BOLT58X2GAL-G5	5/8"-11 x 2" Hex Tap Bolt Grade 5 Galvanized

### Grade A325 - Galvanized



PART#	DESCRIPTION
L3-BOLT12X112GAL-A325	1/2"-13 x 1-1/2" Structural Hex Bolt A325 Galvanized
L3-BOLT12X2GAL-A325	1/2"-13 x 2" Structural Hex Bolt A325 Galvanized
L3-BOLT12X212GAL-A325	1/2"-13 x 2-1/2" Structural Hex Bolt A325 Galvanized
L3-BOLT12X3GAL-A325	1/2"-13 x 3" Structural Hex Bolt A325 Galvanized
L3-BOLT58X112GAL-A325	5/8"-11 x 1-1/2" Structural Hex Bolt A325 Galvanized
L3-BOLT58X2GAL-A325	5/8"-11 x 2" Structural Hex Bolt A325 Galvanized
L3-BOLT58X212GAL-A325	5/8"-11 x 2-1/2" Structural Hex Bolt A325 Galvanized
L3-BOLT58X3GAL-A325	5/8"-11 x 3" Structural Hex Bolt A325 Galvanized
L3-BOLT34X2GAL-A325	3/4"-10 x 2" Structural Hex Bolt A325 Galvanized
L3-BOLT34X212GAL-A325	3/4"-10 x 2-1/2" Structural Hex Bolt A325 Galvanized
L3-BOLT34X3GAL-A325	3/4"-10 x 3" Structural Hex Bolt A325 Galvanized
L3-BOLT34X312GAL-A325	3/4"-10 x 3-1/2" Structural Hex Bolt A325 Galvanized
L3-BOLT34X4GAL-A325	3/4"-10 x 4" Structural Hex Bolt A325 Galvanized
L3-BOLT78X2GAL-A325	7/8"-9 x 2" Structural Hex Bolt A325 Galvanized
L3-BOLT78X212GAL-A325	7/8"-9 x 2-1/2" Structural Hex Bolt A325 Galvanized
L3-BOLT78X3GAL-A325	7/8"-9 x 3" Structural Hex Bolt A325 Galvanized
L3-BOLT1X214GAL-A325	1"-8 x 2-1/4" Structural Hex Bolt A325 Galvanized
L3-BOLT1X212GAL-A325	1"-8 x 2-1/2" Structural Hex Bolt A325 Galvanized
L3-BOLT1X3GAL-A325	1"-8 x 3" Structural Hex Bolt A325 Galvanized
L3-BOLT1X312GAL-A325	1"-8 x 3-1/2" Structural Hex Bolt A325 Galvanized
L3-BOLT114X234GAL-A325	1-1/4" x 2-3/4" Structural Hex Bolt A325 Galvanized
L3-BOLT114X412GAL-A325	1-1/4"-7 x 4-1/2" Structural Hex Bolt A325 Galvanized

## BOLTS

### J-Bolts - Galvanized

PART#	DESCRIPTION
L3-JBOLT-12X612	J-Bolt, 1/2-13 x 6-1/2, Galvanized
L3-JBOLT-38X634	J-Bolt, 3/8-13 x 6-3/4, Galvanized



### Lag Screws - Galvanized

PART#	DESCRIPTION
L3-LAGSCREW38X2GAL	3/8" x 2" Hex Lag Screw, Galvanized
L3-LAGSCREW38X3GAL	3/8" x 3" Hex Lag Screw, Galvanized
L3-LAGSCREW12X112GAL	1/2" x 1-1/2" Hex Lag Screw, Galvanized



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## WASHERS



### Lug Washers

PART#	DESCRIPTION	QUANTITY
L3-LUGWASH	Stainless Steel Double Hole Lug Washer, 1" OC, 2-3/8 Holes	Bag of 100
L3-LUGWASHU	Stainless Steel Double Lug Washer, 3/8" Spacing 3/4" - 1"	Bag of 100



### Flat Washers - Stainless Steel

PART#	DESCRIPTION	QUANTITY
L3-FLATWASH14SS-58-EA	1/4" 18-8 Stainless Steel Small OD Flat Washer	Each
L3-FLATWASH12SS	1/2" 18-8 Stainless Steel Small OD Flat Washer	Bag of 100
L3-FLATWASH38SS-58	3/8" 18-8 Stainless Steel 5/8" OD Flat Washer, Small	Bag of 100
L3-FLATWASH38SS-1-EA	3/8" x 1" Stainless Steel OD Flat Washer	Each
L3-FLATWASH38SS-114-EA	3/8" x 1-1/4" Stainless Steel OD Flat Washer	Each
L3-FLATWASH38SS	3/8" 18-8 Stainless Steel 7/8" OD Flat Washer	Bag of 100
L3-FLATWASH38SS-78	3/8" Stainless Steel 7/8" OD Flat Washer	Bag of 100
L3-FLATWASH38X34SS	3/8" (M10) 18-8 Stainless Steel 3/4" OD Flat Washer, Medium	Bag of 100



### Lock Washers - Stainless Steel

PART#	DESCRIPTION	QUANTITY
L3-LOCKWASH14SS	1/4" 18-8 Stainless Steel Medium Split Lock Washer	Bag of 100
L3-LOCKWASH38SS	3/8" 18-8 Stainless Steel Medium Split Lock Washer	Bag of 100
L3-LOCKWASH12SS	1/2" 18-8 Stainless Steel Medium Split Lock Washer	Bag of 100
L3-LOCKWASH716SS	7/16" 18-8 Stainless Steel Medium Split Lock Washer	Bag of 100



### Flat Washers - Galvanized

PART#	DESCRIPTION	QUANTITY
L3-FLATWASH38GAL	3/8" Flat Washer Galvanized	Bag of 100
L3-FLATWASH12GAL	1/2" Flat Washer Galvanized	Bag of 100
L3-FLATWASH58GAL	5/8" Flat Washer Galvanized	Bag of 100
L3-FLATWASH34GAL	3/4" Flat Washer Galvanized	Bag of 100

## WASHERS

### Structural Flat Washers - Galvanized

PART#	DESCRIPTION	QUANTITY
L3-FLATWASH12GAL-F436	1/2" Structural Flat Washer F436 Galvanized	Bag of 100
L3-FLATWASH58GAL-F436	5/8" Structural Flat Washer F436 Galvanized	Bag of 100
L3-FLATWASH34GAL-F436	3/4" Structural Flat Washer F436 Galvanized	Bag of 100
L3-FLATWASH78GAL-F436	7/8" Structural Flat Washer F436 Galvanized	Bag of 100
L3-FLATWASH1GAL-F436	1" Structural Flat Washer F436 Galvanized	Bag of 100
L3-FLATWASH114GAL-F436	1 1/4" Structural Flat Washer F436 Galvanized	Bag of 100



### Lock Washers - Galvanized

PART#	DESCRIPTION	QUANTITY
L3-LOCKWASH38GAL	3/8" Medium Split Lock Washer Galvanized	Bag of 100
L3-LOCKWASH12GAL	1/2" Medium Split Lock Washer Galvanized	Bag of 100
L3-LOCKWASH58GAL	5/8" Medium Split Lock Washer Galvanized	Bag of 100
L3-LOCKWASH34GAL	3/4" Medium Split Lock Washer Galvanized	Bag of 100
L3-LOCKWASH78GAL	7/8" Medium Split Lock Washer Galvanized	Bag of 100
L3-LOCKWASH1GAL	1" Medium Split Lock Washer Galvanized	Bag of 100
L3-LOCKWASH114GAL	1 1/4" Medium Split Lock Washer Galvanized	Bag of 100



### Square Washers - Hot Dipped Galvanized

PART#	DESCRIPTION	QUANTITY
L3-WASH2-14	Hot Dipped Galvanized Square Washer with 1/4" - Center Hole	Bag of 100
L3-WASH2-38	Hot Dipped Galvanized Square Washer with 3/8" - Center Hole	Bag of 100
L3-WASH2-12	Hot Dipped Galvanized Square Washer with 1/2" - Center Hole	Bag of 100
L3-WASH2-916	Hot Dipped Galvanized Square Washer with 9/16" - Center Hole	Bag of 100





## NUTS



### Hex Nuts - Stainless Steel

PART#	DESCRIPTION	QUANTITY
L3-HEXNUT14SS	1/4"-20 18-8 Stainless Steel Finished Hex Nut	Bag of 100
L3-HEXNUT38SS	3/8"-16 18-8 Stainless Steel Finished Hex Nut	Bag of 100
L3-HEXNUT12SS	1/2"-13 18-8 Stainless Steel Finished Hex Nut	Bag of 100

### Lock Nuts - Stainless Steel

PART#	DESCRIPTION	QUANTITY
L3-LN14	1/4" Stainless Steel Locknut	Bag of 100
L3-LN-12	1/2" Stainless Steel Locknut	Bag of 100
L3-LN-34	3/4" Stainless Steel Locknut	Bag of 100
L3-LN-1	1" Stainless Steel Locknut	Bag of 100
L3-LN114	1-1/4" Stainless Steel Locknut	Bag of 100
L3-LN112	1-1/2" Stainless Steel Locknut	Bag of 100
L3-LN2	2" Stainless Steel Locknut	Bag of 100
L3-LN212	2-1/2" Stainless Steel Locknut	Bag of 100

Note: Additional Sizes Available

### Heavy Hex Nuts - Galvanized

PART#	DESCRIPTION	QUANTITY
L3-HEXNUT38GAL-2H	3/8"-16 Heavy Hex Nut A194 Grade 2H Galvanized	Bag of 100
L3-HEXNUT12GAL-2H	1/2"-13 Heavy Hex Nut A194 Grade 2H Galvanized	Bag of 100
L3-HEXNUT58GAL-2H	5/8"-11 Heavy Hex Nut A194 Grade 2H Galvanized	Bag of 100
L3-HEXNUT34GAL-2H	3/4"-10 Heavy Hex Nut A194 Grade 2H Galvanized	Bag of 100
L3-HEXNUT78GAL-2H	7/8"-9 Heavy Hex Nut A194 Grade 2H Galvanized	Bag of 100
L3-HEXNUT1GAL-2H	1"-8 Heavy Hex Nut A194 Grade 2H Galvanized	Bag of 100
L3-HEXNUT114GAL-2H	1 1/4" Heavy Hex Nut A194 Grade 2H Galvanized	Bag of 100
L3-HEXNUT214GAL-2H	2-1/4" 4.5 Heavy Hex Nut A194 Grade 2H Galvanized	Bag of 100

### Spring Nuts - Galvanized

PART#	DESCRIPTION	QUANTITY
L3-GSN-12	1/2" Galvanized Spring Nut	Bag of 100
L3-GSN-14	1/4" Galvanized Spring Nut	Bag of 100
L3-GSN-38	3/8" Galvanized Spring Nut	Bag of 100
L3-GSN-58	5/8" Galvanized Spring Nut	Bag of 100

### Spring Nut Kit

PART#	DESCRIPTION	QUANTITY
L3-GSN38-WASH38-10	Hot Dipped Galvanized Square Washer with 9/16" - Center Hole	Bag of 10



## U-BOLTS

### U-Bolts - Galvanized

PART#	DESCRIPTION
L3-UB-3244	Galvanized U-Bolt Assembly, 3/8" x 2-1/2" x 4"
L3-UB-3355	Galvanized U-Bolt Assembly, 3/8" x 3-5/8" x 5-1/4"
L3-UB-4240	Galvanized U-Bolt Assembly, 1/2" x 2-1/2" x 4"
L3-UB-4352	Galvanized U-Bolt Assembly, 1/2" x 3" x 5-1/4"
L3-UB-4355	Galvanized U-Bolt Assembly, 1/2" x 3-5/8" x 5"
L3-UB-4356	Galvanized U-Bolt Assembly, 1/2" x 3-5/8" x 6"
L3-UB-4456	Galvanized U-Bolt Assembly, 1/2" x 4-5/8" x 6"
L3-UB-5456	Galvanized U-Bolt Assembly, 5/8" x 4-5/8" x 6-1/2"
L3-UB-4242	Galvanized U-Bolt Assembly, 1/2" x 2-1/2" x 4-1/2"
L3-UB-4340	Galvanized U-Bolt Assembly, 1/2" x 3" x 4"
L3-UB-4416	Galvanized U-Bolt Assembly, 1/2" x 4" x 6 1/4"
L3-UB-3824	Galvanized U-Bolt Assembly, 3/8" x 2" x 4"
L3-UB-5326	Galvanized U-Bolt Assembly, 5/8" x 3 1/2" x 6"
L3-UB-4415	Galvanized U-Bolt Assembly, 1/2" x 4" x 5"

Note: Additional Sizes Available Upon Request

### V-Clamps - Galvanized

PART#	DESCRIPTION
L3-VCLAMP-14X534-GAL	Galvanized V-Clamp Half, 1/4" x 5-3/4"
L3-VCLAMP-1.5X7-GAL	Galvanized V-Clamp Half, 1/4" x 1-1/2" x 7"
L3-VCLAMP-1.5X858-GAL	Galvanized V-Clamp Half, 3/8" x 1-1/2" x 8-5/8"
L3-VCLAMP-2X838-GAL	Galvanized V-Clamp Half, 1/2" x 2" x 8-3/8"



## THREADED RODS



### Threaded Rod - Stainless Steel

PART#	DESCRIPTION
L3-ALLTHREAD38X24SS	3/8"-16 x 2' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD38X36SS	3/8"-16 x 3' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD38X72SS	3/8"-16 x 6' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD38X120SS	3/8"-16 x 10' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD38X144SS	3/8"-16 x 12' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD12X36SS	1/2"-13 x 3' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD12X7SS	1/2"-13 x 6' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD12X120SS	1/2"-13 x 10' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD58X72SS	5/8"-11 x 6' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD58X120SS	5/8"-11 x 10' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD34X72SS	3/4"-10 x 6' Threaded Rod Grade 18-8 Stainless Steel
L3-ALLTHREAD34X120SS	3/4"-10 x 10' Threaded Rod Grade 18-8 Stainless Steel



### Threaded Rod - Hot Dipped Galvanized

PART#	DESCRIPTION
L3-ALLTHREAD38X24GAL	3/8"-16 x 2' Threaded Rod HD Galvanized
L3-ALLTHREAD38X36GAL	3/8"-16 x 3' Threaded Rod HD Galvanized
L3-ALLTHREAD38X72GAL	3/8"-16 x 6' Threaded Rod HD Galvanized
L3-ALLTHREAD38X120GAL	3/8"-16 x 10' Threaded Rod HD Galvanized
L3-ALLTHREAD38X144GAL	3/8"-16 x 12' Threaded Rod HD Galvanized
L3-ALLTHREAD12X36GAL	1/2"-13 x 3' Threaded Rod HD Galvanized
L3-ALLTHREAD12X72GAL	1/2"-13 x 6' Threaded Rod HD Galvanized
L3-ALLTHREAD12X120GAL	1/2"-13 x 10' Threaded Rod HD Galvanized
L3-ALLTHREAD58X72GAL	5/8"-11 x 6' Threaded Rod HD Galvanized
L3-ALLTHREAD58X120GAL	5/8"-11 x 10' Threaded Rod HD Galvanized
L3-ALLTHREAD34X72GAL	3/4"-10 x 6' Threaded Rod HD Galvanized
L3-ALLTHREAD34X120GAL	3/4"-10 x 10' Threaded Rod HD Galvanized

## SHACKLES

### International Shackles

PART#	DESCRIPTION
L3-SHACKLE12	1/2" Screw Pin Shackle, Galvanized
L3-SHACKLE14	1/4" Screw Pin Shackle, Galvanized
L3-SHACKLE516	5/16" Screw Pin Shackle, Galvanized
L3-SHACKLE38	3/8" Screw Pin Shackle, Galvanized
L3-SHACKLE58	5/8" Screw Pin Shackle, Galvanized



### Domestic Shackles

PART#	DESCRIPTION
L3-SHACKLE14-HD	1/4" Screw Pin Shackle Galvanized, Orange Powder Coated, Heavy Duty
L3-SHACKLE516-HD	5/16" Screw Pin Shackle Galvanized, Orange Powder Coated, Heavy Duty
L3-SHACKLE38-HD	3/8" Screw Pin Shackle Galvanized, Orange Powder Coated, Heavy Duty
L3-SHACKLE12-HD	1/2" Screw Pin Shackle Galvanized, Orange Powder Coated, Heavy Duty
L3-SHACKLE58-HD	5/8" Screw Pin Shackle Galvanized, Orange Powder Coated, Heavy Duty
L3-SHACKLE34-HD	3/4" Screw Pin Shackle Galvanized, Orange Powder Coated, Heavy Duty
L3-SHACKLE1-HD	1" Screw Pin Shackle Galvanized, Orange Powder Coated, Heavy Duty

Note: Available in sizes 3/16" to 2-1/2"



# ELECTRICAL SUPPLIES

## Liquid Tight

Metallic Liquid Tight Connectors

Rigid Nipple

Conduit/Accessories

PVC Elbows

PVC Adapters

EMT

LB with Cover & Gaskets

Service Entrance Caps

Myers Hub

Corrugated Innerduct

TelcoFlex



## LIQUID TIGHT

### Non-Metallic Liquid Tight

PART#	DESCRIPTION
L3-LT-NM12	1/2" Non-Metallic Liquid Tight
L3-LT-NM34	3/4" Non-Metallic Liquid Tight
L3-LT-NM38	3/8" Non-Metallic Liquid Tight
L3-LT-NM1	1" Non-Metallic Liquid Tight
L3-LT-NM114	1-1/4" Non-Metallic Liquid Tight
L3-LT-NM112	1-1/2" Non-Metallic Liquid Tight
L3-LT-NM2	2" Non-Metallic Liquid Tight
L3-LT-NM212	2-1/2" Non-Metallic Liquid Tight



### Non-Metallic Liquid Tight Connectors

#### Straight Connectors

PART#	DESCRIPTION
L3-LT-NMSTRC12	1/2" Non-Metallic Straight Liquid Tight Connector
L3-LT-NMSTRC34	3/4" Non-Metallic Straight Liquid Tight Connector
L3-LT-NMSTRC1	1" Non-Metallic Straight Liquid Tight Connector
L3-LT-NMSTRC114	1-1/4" Non-Metallic Straight Liquid Tight Connector
L3-LT-NMSTRC112	1-1/2" Non-Metallic Straight Liquid Tight Connector
L3-LT-NMSTRC2	2" Non-Metallic Straight Liquid Tight Connector



#### 90 Degree Connectors

PART#	DESCRIPTION
L3-LT-NM90C12	1/2" Non-Metallic 90 Degree Liquid Tight Connector
L3-LT-NM90C34	3/4" Non-Metallic 90 Degree Liquid Tight Connector
L3-LT-NM90C1	1" Non-Metallic 90 Degree Liquid Tight Connector
L3-LT-NM90C114	1-1/4" Non-Metallic 90 Degree Liquid Tight Connector
L3-LT-NM90C112	1-1/2" Non-Metallic 90 Degree Liquid Tight Connector
L3-LT-NM90C2	2" Non-Metallic 90 Degree Liquid Tight Connector



### Metallic Liquid Tight

PART#	DESCRIPTION
L3-LT-M12	1/2" Metallic Liquid Tight
L3-LT-M34	3/4" Metallic Liquid Tight
L3-LT-M1	1" Metallic Liquid Tight
L3-LT-M114	1" - 1/4" Metallic Liquid Tight
L3-LT-M112	1" - 1/2" Metallic Liquid Tight
L3-LT-M2	2" Metallic Liquid Tight
L3-LT-M212	2-1/2" Metallic Liquid Tight
L3-LT-M3	3" Metallic Liquid Tight
L3-LT-M312	3-1/2" Metallic Liquid Tight
L3-LT-M4	4" Metallic Liquid Tight



## METALLIC LIQUID TIGHT CONNECTORS



### Metallic Liquid Tight Connectors

#### Straight Connectors

PART#	DESCRIPTION
L3-LT-MSTRC12	1/2" Straight Metallic Liquid Tight Connector
L3-LT-MSTRC34	3/4" Straight Metallic Liquid Tight Connector
L3-LT-MSTRC1	1" Straight Metallic Liquid Tight Connector
L3-LT-MSTRC114	1-1/4" Straight Metallic Liquid Tight Connector
L3-LT-MSTRC112	1-1/2" Straight Metallic Liquid Tight Connector
L3-LT-MSTRC2	2" Straight Metallic Liquid Tight Connector
L3-LT-MSTRC212	2-1/2" Straight Metallic Liquid Tight Connector
L3-LT-MSTRC3	3" Straight Metallic Liquid Tight Connector
L3-LT-MSTRC312	3-1/2" Straight Metallic Liquid Tight Connector
L3-LT-MSTRC4	4" Straight Metallic Liquid Tight Connector

#### 90 Degree Connectors

PART#	DESCRIPTION
L3-LT-M90C12	1/2" Metallic Liquid Tight 90 Degree Connector
L3-LT-M90C34	3/4" Metallic Liquid Tight 90 Degree Connector
L3-LT-M90C1	1" Metallic Liquid Tight 90 Degree Connector
L3-LT-M90C114	1-1/4" Metallic Liquid Tight 90 Degree Connector
L3-LT-M90C112	1-1/2" Metallic Liquid Tight 90 Degree Connector
L3-LT-M90C2	2" Metallic Liquid Tight 90 Degree Connector
L3-LT-M90C212	2-1/2" Metallic Liquid Tight 90 Degree Connector
L3-LT-M90C3	3" Metallic Liquid Tight 90 Degree Connector
L3-LT-M90C312	3-1/2" Metallic Liquid Tight 90 Degree Connector
L3-LT-M90C4	4" Metallic Liquid Tight 90 Degree Connector

#### 45 Degree Connectors

PART#	DESCRIPTION
L3-LT-M45C12	1/2" Metallic Liquid Tight 45 Degree Connector
L3-LT-M45C34	3/4" Metallic Liquid Tight 45 Degree Connector
L3-LT-M45C1	1" Metallic Liquid Tight 45 Degree Connector
L3-LT-M45C114	1-1/4" Metallic Liquid Tight 45 Degree Connector
L3-LT-M45C112	1-1/2" Metallic Liquid Tight 45 Degree Connector
L3-LT-M45C2	2" Metallic Liquid Tight 45 Degree Connector
L3-LT-M45C212	2-1/2" Metallic Liquid Tight 45 Degree Connector
L3-LT-M45C3	3" Metallic Liquid Tight 45 Degree Connector



## RIGID NIPPLES

### Galvanized Rigid Nipple

PART#	LENGTHS (INCHES)	DESCRIPTION
L3-NIP12X	2" - 12"	1/2" Galvanized Rigid Nipple
L3-NIP34X	2" - 12"	3/4" Galvanized Rigid Nipple
L3-NIP1X	2" - 12"	1" Galvanized Rigid Nipple
L3-NIP114X	2" - 12"	1-1/4" Galvanized Rigid Nipple
L3-NIP112X	2" - 12"	1-1/2" Galvanized Rigid Nipple
L3-NIP2X	3" - 12"	2" Galvanized Rigid Nipple
L3-NIP212X	3" - 12"	2-1/2" Galvanized Rigid Nipple
L3-NIP3X	3" - 12"	3" Galvanized Rigid Nipple
L3-NIP312X	4" - 12"	3-1/2" Galvanized Rigid Nipple
L3-NIP4X	4" - 12"	4" Galvanized Rigid Nipple

### Closed Galvanized Rigid Nipple

PART#	DESCRIPTION
L3-NIP12XCL	1/2" Galvanized Rigid Nipple, Closed
L3-NIP34XCL	3/4" Galvanized Rigid Nipple, Closed
L3-NIP1XCL	1" Galvanized Rigid Nipple, Closed
L3-NIP114XCL	1-1/4" Galvanized Rigid Nipple, Closed
L3-NIP112XCL	1-1/2" Galvanized Rigid Nipple, Closed
L3-NIP2XCL	2" Galvanized Rigid Nipple, Closed
L3-NIP212XCL	2-1/2" Galvanized Rigid Nipple, Closed
L3-NIP3XCL	3" Galvanized Rigid Nipple, Closed
L3-NIP312XCL	3-1/2" Galvanized Rigid Nipple, Closed
L3-NIP4XCL	4" Galvanized Rigid Nipple, Closed

### Offset Rigid Conduit Nipple

PART#	DESCRIPTION
L3-NIP12XO	1/2" Offset Rigid Conduit Nipple, Zinc Die-Cast
L3-NIP34XO	3/4" Offset Rigid Conduit Nipple, Zinc Die-Cast
L3-NIP1XO	1" Offset Rigid Conduit Nipple, Zinc Die-Cast
L3-NIP114XO	1-1/4" Offset Rigid Conduit Nipple, Zinc Die-Cast
L3-NIP112XO	1-1/2" Offset Rigid Conduit Nipple, Zinc Die-Cast
L3-NIP2XO	2" Offset Rigid Conduit Nipple, Zinc Die-Cast
L3-NIP212XO	2-1/2" Offset Rigid Conduit Nipple, Zinc Die-Cast
L3-NIP3XO	3" Offset Rigid Conduit Nipple, Zinc Die-Cast
L3-NIP4XO	4" Offset Rigid Conduit Nipple, Zinc Die-Cast

### Chase Threaded Nipples

PART#	DESCRIPTION
L3-NIP12-CHASE	1/2" Chase Threaded Nipple, Zinc Die-Cast
L3-NIP34-CHASE	3/4" Chase Threaded Nipple, Zinc Die-Cast
L3-NIP1-CHASE	1" Chase Threaded Nipple, Zinc Die-Cast
L3-NIP114-CHASE	1-1/4" Chase Threaded Nipple, Zinc Die-Cast
L3-NIP112-CHASE	1-1/2" Chase Threaded Nipple, Zinc Die-Cast
L3-NIP2-CHASE	2" Chase Threaded Nipple, Zinc Die-Cast
L3-NIP212-CHASE	2-1/2" Chase Threaded Nipple, Zinc Die-Cast
L3-NIP3-CHASE	3" Chase Threaded Nipple, Zinc Die-Cast
L3-NIP312-CHASE	3-1/2" Chase Threaded Nipple, Zinc Die-Cast
L3-NIP4-CHASE	4" Chase Threaded Nipple, Zinc Die-Cast
L3-NIP5-CHASE	5" Chase Threaded Nipple, Zinc Die-Cast



## CONDUIT/ACCESSORIES

## Galvanized Steel Conduit

PART#	DESCRIPTION	QUANTITY
L3-CON-GAL34	3/4" Galvanized Rigid Conduit Steel	10ft
L3-CON-GAL1	1" Galvanized Rigid Conduit Steel	10ft
L3-CON-GAL114	1-1/4" Galvanized Rigid Conduit Steel	10ft
L3-CON-GAL112	1-1/2" Galvanized Rigid Conduit Steel	10ft
L3-CON-GAL2	2" Galvanized Rigid Conduit Steel	10ft
L3-CON-GAL212	2-1/2" Galvanized Rigid Conduit Steel	10ft
L3-CON-GAL3	3" Galvanized Rigid Conduit Steel	10ft
L3-CON-GAL4	4" Galvanized Rigid Conduit Steel	10ft

## Galvanized Conduit Coupling

PART#	DESCRIPTION
L3-CONCOUPGAL34	3/4" Galvanized Conduit Coupling
L3-CONCOUPGAL1	1" Galvanized Conduit Coupling
L3-CONCOUPGAL114	1-1/4" Galvanized Conduit Coupling
L3-CONCOUPGAL112	1-1/2" Galvanized Conduit Coupling
L3-CONCOUPGAL2	2" Galvanized Conduit Coupling
L3-CONCOUPGAL212	2-1/2" Galvanized Conduit Coupling
L3-CONCOUPGAL4	4" Galvanized Conduit Coupling

## Rigid Compression Connector

PART#	DESCRIPTION
L3-HWCOMPCON12	1/2" Rigid Compression Connector
L3-HWCOMPCON1	1" Rigid Compression Connector
L3-HWCOMPCON114	1-1/4" Rigid Compression Connector
L3-HWCOMPCON112	1-1/2" Compression Connector
L3-HWCOMPCON2	2" Rigid Compression Connector
L3-HWCOMPCON212	2-1/2" Rigid Compression Connector
L3-HWCOMPCON3	3" Rigid Compression Connector

## Rigid Compression Coupling

PART#	DESCRIPTION
L3-HWCOMPcoup12	1/2" Rigid Compression Coupling
L3-HWCOMPcoup1	1" Rigid Compression Coupling
L3-HWCOMPcoup112	1-1/2" Rigid Compression Coupling
L3-HWCOMPcoup2	2" Rigid Compression Coupling
L3-HWCOMPcoup212	2-1/2" Rigid Compression Coupling
L3-HWCOMPcoup3	3" Rigid Compression Coupling

## CONDUIT/ACCESSORIES

## Aluminum Conduit

PART#	DESCRIPTION	QUANTITY
L3-CON-ALUM1	1" Rigid Aluminum Conduit	10ft
L3-CON-ALUM112	1-1/2" Rigid Aluminum Conduit	10ft
L3-CON-ALUM2	2" Rigid Aluminum Conduit	10ft
L3-CON-ALUM212	2-1/2" Rigid Aluminum Conduit	10ft

## Aluminum Conduit Coupling

PART#	DESCRIPTION
L3-CONCOUPAL1	1" Aluminum Threaded Coupling
L3-CONCOUPAL112	1-1/2" Aluminum Threaded Coupling
L3-CONCOUPAL2	2" Aluminum Threaded Coupling
L3-CONCOUPAL212	2-1/2" Aluminum Threaded Coupling

## PVC Conduit - Schedule 40

PART#	DESCRIPTION	QUANTITY
L3-CON-PVC1	1" PVC Conduit, Sch 40, Bell End	10ft
L3-CON-PVC2	2" PVC Conduit, Sch 40, Bell End	10ft
L3-CON-PVC3	3" PVC Conduit, Sch 40, Bell End	10ft
L3-CON-PVC4	4" PVC Conduit, Sch 40, Bell End	10ft

Note: Additional Sizes Available

## PVC Conduit - Schedule 80

PART#	DESCRIPTION	QUANTITY
L3-CON-PVC1-80	1" PVC Conduit, Sch 80, Bell End	10ft
L3-CON-PVC2-80	2" PVC Conduit, Sch 80, Bell End	10ft
L3-CON-PVC3-80	3" PVC Conduit, Sch 80, Bell End	10ft
L3-CON-PVC4-80	4" PVC Conduit, Sch 80, Bell End	10ft

Note: Additional Sizes Available

## PVC Coupling

PART#	DESCRIPTION
L3-PVC-COUP1	1" PVC Conduit Coupling
L3-PVC-COUP112	1-1/2" PVC Conduit Coupling
L3-PVC-COUP2	2" PVC Conduit Coupling
L3-PVC-COUP212	PVC, 2-1/2" Conduit Coupling
L3-PVC-COUP3	3" PVC Conduit Coupling
L3-PVC-COUP312	3-1/2" PVC Conduit Coupling
L3-PVC-COUP4	4" PVC Conduit Coupling

Note: Additional Sizes Available

## PVC ELBOWS



### PVC 90 Degree Elbow - Schedule 40

PART#	DESCRIPTION
L3-PVCEL90-1	1" PVC 90 Degree Elbow, Sch. 40
L3-PVCEL90-112	1-1/2" PVC 90 Degree Elbow, Sch. 40
L3-PVCEL90-2	2" PVC 90 Degree Elbow, Sch. 40
L3-PVCEL90-212	2-1/2" PVC 90 Degree Elbow, Sch. 40
L3-PVCEL90-3	3" PVC 90 Degree Elbow, Sch. 40
L3-PVCEL90-312	3-1/2" PVC 90 Degree Elbow, Sch. 40
L3-PVCEL90-4	4" PVC 90 Degree Elbow, Sch. 40



### PVC 90 Degree Elbow - Schedule 80

PART#	DESCRIPTION
L3-PVCEL90-1-80	1" PVC 90 Degree Elbow, Sch. 80
L3-PVCEL90-112-80	1-1/2" PVC 90 Degree Elbow, Sch. 80
L3-PVCEL90-2-80	2" PVC 90 Degree Elbow, Sch. 80
L3-PVCEL90-212-80	2-1/2" PVC 90 Degree Elbow, Sch. 80
L3-PVCEL90-3-80	3" PVC 90 Degree Elbow, Sch. 80
L3-PVCEL90-4-80	4" PVC 90 Degree Elbow, Sch. 80



### PVC 45 Degree Elbow - Schedule 40

PART#	DESCRIPTION
L3-PVCEL45-1	1" PVC 45 Degree Elbow, Sch. 40
L3-PVCEL45-112	1-1/2" PVC 45 Degree Elbow, Sch. 40
L3-PVCEL45-2	2" PVC 45 Degree Elbow, Sch. 40
L3-PVCEL45-212	2-1/2" PVC 45 Degree Elbow, Sch. 40
L3-PVCEL45-3	3" PVC 45 Degree Elbow, Sch. 40
L3-PVCEL45-312	3-1/2" PVC 45 Degree Elbow, Sch. 40
L3-PVCEL45-4	4" PVC 45 Degree Elbow, Sch. 40

## PVC ADAPTERS

### PVC 45 Degree Elbow - Schedule 80

PART#	DESCRIPTION
L3-PVCEL45-1-80	1" PVC 45 Degree Elbow, Sch. 80
L3-PVCEL45-112-80	1-1/2" PVC 45 Degree Elbow, Sch. 80
L3-PVCEL45-2-80	2" PVC 45 Degree Elbow, Sch. 80
L3-PVCEL45-212-80	2-1/2" PVC 45 Degree Elbow, Sch. 80
L3-PVCEL45-3-80	3" PVC 45 Degree Elbow, Sch. 80
L3-PVCEL45-312-80	3-1/2" PVC 45 Degree Elbow, Sch. 80
L3-PVCEL45-4-80	4" PVC 45 Degree Elbow, Sch. 80



### PVC Female Adapters

PART#	DESCRIPTION
L3-PVCFEMALE1	1" PVC Female Adapter
L3-PVCFEMALE112	1-1/2" PVC Female Adapter
L3-PVCFEMALE2	2" PVC Female Adapter
L3-PVCFEMALE212	2-1/2" PVC Female Adapter
L3-PVCFEMALE3	3" PVC Female Adapter
L3-PVCFEMALE312	3-1/2" PVC Female Adapter
L3-PVCFEMALE4	4" PVC Female Adapter



### PVC Male Adapters

PART#	DESCRIPTION
L3-PVCMALE1	Male Adapter for 1" PVC Conduit
L3-PVCMALE112	Male Adapter for 1-1/2" PVC Conduit
L3-PVCMALE2	Male Adapter for 2" PVC Conduit
L3-PVCMALE212	Male Adapter for 2-1/2" PVC Conduit
L3-PVCMALE3	Male Adapter for 3" PVC Conduit
L3-PVCMALE312	Male Adapter for 3-1/2" PVC Conduit
L3-PVCMALE4	Male Adapter for 4" PVC Conduit



## EMT

## EMT Conduit

PART#	DESCRIPTION	QUANTITY
L3-CON-EMT12	1/2" Metallic EMT Conduit	10ft
L3-CON-EMT34	3/4" Metallic EMT Conduit	10ft
L3-CON-EMT1	1" Metallic EMT Conduit	10ft
L3-CON-EMT112	1-1/2" Metallic EMT Conduit	10ft
L3-CON-EMT2	2" Metallic EMT Conduit	10ft
L3-CON-EMT212	2-1/2" Metallic EMT Conduit	10ft
L3-CON-EMT3	3" Metallic EMT Conduit	10ft
L3-CON-EMT312	3-1/2" Metallic EMT Conduit	10ft

## EMT Compression Connectors – Zinc Die Cast

PART#	DESCRIPTION
L3-EMTCOMPONLT12	1/2" Compression Connector for EMT, Liquid Tight – Zinc Die Cast
L3-EMTCOMPONLT34	3/4" Compression Connector for EMT, Liquid Tight – Zinc Die Cast
L3-EMTCOMPONLT1	1" Compression Connector for EMT, Liquid Tight – Zinc Die Cast
L3-EMTCOMPONLT112	1-1/2" Compression Connector for EMT, Liquid Tight – Zinc Die Cast
L3-EMTCOMPONLT2	2" Compression Connector for EMT, Liquid Tight – Zinc Die Cast

## EMT Compression Connectors – Steel

PART#	DESCRIPTION
L3-EMTCOMPONLT212	2-1/2" Compression Connector for EMT, Liquid Tight - Steel
L3-EMTCOMPONLT3	3" Compression Connector for EMT, Liquid Tight – Steel
L3-EMTCOMPONLT312	3-1/2" Compression Connector for EMT, Liquid Tight – Steel
L3-EMTCOMPONLT4	4" Compression Connector for EMT, Liquid Tight – Steel

## EMT

## EMT 90 Degree Elbows

PART#	DESCRIPTION
L3-EMTEL90-12	1/2" 90 Degree Conduit EMT Elbow
L3-EMTEL90-34	3/4" 90 Degree Conduit EMT Elbow
L3-EMTEL90-1	1" 90 Degree Conduit EMT Elbow
L3-EMTEL90-112	1-1/2" 90 Degree Conduit EMT Elbow
L3-EMTEL90-2	2" 90 Degree Conduit EMT Elbow
L3-EMTEL90-212	2-1/2" 90 Degree Conduit EMT Elbow
L3-EMTEL90-3	3" 90 Degree Conduit EMT Elbow
L3-EMTEL90-3-12	3-1/2" 90 Degree Conduit EMT Elbow

## EMT 45 Degree Elbows

PART#	DESCRIPTION
L3-EMTEL45-12	1/2" 45 Degree Conduit EMT Elbow
L3-EMTEL45-34	3/4" 45 Degree Conduit EMT Elbow
L3-EMTEL45-1	1" 45 Degree Conduit EMT Elbow
L3-EMTEL45-112	1-1/2" 45 Degree Conduit EMT Elbow
L3-EMTEL45-2	2" 45 Degree Conduit EMT Elbow
L3-EMTEL45-212	2-1/2" 45 Degree Conduit EMT Elbow
L3-EMTEL45-3	3" 45 Degree Conduit EMT Elbow
L3-EMTEL45-3-12	3-1/2" 45 Degree Conduit EMT Elbow

## EMT Adapters

PART#	DESCRIPTION
L3-EMTMALE12	EMT, 1/2" Compression Male Adapter
L3-EMTMALE34	EMT, 3/4" Compression Male Adapter
L3-EMTMALE1	EMT, 1" Compression Male Adapter
L3-EMTMALE112	EMT, 1-1/2" Compression Male Adapter
L3-EMTMALE2	EMT, 2" Compression Male Adapter
L3-EMTMALE212	EMT, 2-1/2" Compression Male Adapter
L3-EMTMALE3	EMT, 3" Compression Male Adapter
L3-EMTMALE312	EMT, 3-1/2" Compression Male Adapter



## LB WITH COVER & GASKETS



### Aluminum LB with Cover & Gasket

PART#	DESCRIPTION
L3-LB-A12	1/2" Aluminum Type Threaded LB with Cover & Gasket
L3-LB-A34	3/4" Aluminum Type Threaded LB with Cover & Gasket
L3-LB-A1	1" Aluminum Type Threaded LB with Cover & Gasket
L3-LB-A114	1-1/4" Aluminum Type Threaded LB with Cover & Gasket
L3-LB-A112	1-1/2" Aluminum Type Threaded LB with Cover & Gasket
L3-LB-A2	2" Aluminum Type Threaded LB with Cover & Gasket
L3-LB-A212	2-1/2" Aluminum Type Threaded LB with Cover & Gasket
L3-LB-A3	3" Aluminum Type Threaded LB with Cover & Gasket
L3-LB-A312	3-1/2" Aluminum Type Threaded LB with Cover & Gasket
L3-LB-A4	4" Aluminum Type Threaded LB with Cover & Gasket



### PVC LB with Cover & Gasket

PART#	DESCRIPTION
L3-LB-P12	1/2" PVC Type LB with Cover & Gasket
L3-LB-P34	3/4" PVC Type LB with Cover & Gasket
L3-LB-P1	1" PVC Type LB with Cover & Gasket
L3-LB-P114	1-1/4" PVC Type LB with Cover & Gasket
L3-LB-P112	1-1/2" PVC Type LB with Cover & Gasket
L3-LB-P2	2" PVC Type LB with Cover & Gasket
L3-LB-P212	2-1/2" PVC Type LB with Cover & Gasket
L3-LB-P3	3" PVC Type LB with Cover & Gasket
L3-LB-P312	3-1/2" PVC Type LB with Cover & Gasket
L3-LB-P4	4" PVC Type LB with Cover & Gasket



### Malleable Iron LB with Cover & Gasket

PART#	DESCRIPTION
L3-LB-M12	1/2" Malleable Iron Type LB with Cover & Gasket
L3-LB-M34	3/4" Malleable Iron Type LB with Cover & Gasket
L3-LB-M1	1" Malleable Iron Type LB with Cover & Gasket
L3-LB-M114	1-1/4" Malleable Iron Type LB with Cover & Gasket
L3-LB-M112	1-1/2" Malleable Iron Type LB with Cover & Gasket
L3-LB-M2	2" Malleable Iron Type LB with Cover & Gasket

## SERVICE ENTRANCE CAPS/MYERS HUB

### Service Entrance Caps

PART#	DESCRIPTION
L3-SVCHEAD12	1/2" Service Head, Clamp On
L3-SVCHEAD34	3/4" Service Head, Clamp On
L3-SVCHEAD1	1" Service Head, Clamp On
L3-SVCHEAD114	1-1/4" Service Head, Clamp On
L3-SVCHEAD112	1-1/2" Service Head, Clamp On
L3-SVCHEAD2	2" Service Head, Clamp On
L3-SVCHEAD212	2-1/2" Service Head, Clamp On
L3-SVCHEAD3	3" Service Head, Clamp On
L3-SVCHEAD312	3-1/2" Service Head, Clamp On
L3-SVCHEAD4	4" Service Head, Clamp On



### Myers Hubs

PART#	DESCRIPTION
L3-MH-1	1" Rigid Conduit Myers Hub with Insulated Throat, Stainless Steel
L3-MH-114	1 1/4" Rigid Conduit Myers Hub with Insulated Throat, Stainless Steel
L3-MH-2	2" Rigid Conduit Myers Hub with Insulated Throat, Stainless Steel
L3-MH-212	2 1/2" Rigid Conduit Myers Hub with Insulated Throat, Stainless Steel
L3-MH-3	3" Rigid Conduit Myers Hub with Insulated Throat, Stainless Steel
L3-MH-1Z	1" Rigid Conduit Myers Hub with Insulated Throat, Zinc Die Cast
L3-MH-2Z	2" Rigid Conduit Myers Hub with Insulated Throat, Zinc Die Cast
L3-MH-3Z	3" Rigid Conduit Myers Hub with Insulated Throat, Zinc Die Cast





## Corrugated Innerduct

Designed Specifically for Fiber Optic Cables

**FEATURES:**

- Flexible corrosion-resistant corrugated for lowest possible coefficient of friction
- Lightweight yet offers maximum flexibility, and allows for installation in small or restricted areas
- No memory for ease of handling in all weather
- Standard and custom reel lengths available with multiple lengths and colors on one reel
- Sizes from 3/4" through 2"
- Corrugated Innerduct is produced from High Density Polyethylene (HDPE)



PART#	SIZE	NOMINAL I.D.	NOMINAL O.D.	PULL TAPE
L3-PC034-BLACK	¾"	0.932"	1.00"	1130 lb
L3-PC100-BLACK	1"	1.049"	1.35"	1130 lb
L3-PC114-BLACK	1-1/4"	1.25"	1.56"	1130 lb
L3-PC200-BLACK	2"	2.0"	2.349"	1130 lb
L3-PC034-ORANGE	¾"	0.932"	1.00"	1130 lb
L3-PC100-ORANGE	1"	1.049"	1.35"	1130 lb
L3-PC114-ORANGE	1-1/4"	1.25"	1.56"	1130 lb
L3-PC200-ORANGE	2"	2.0"	2.349"	1130 lb
L3-PC034-GRAY	¾"	0.932"	1.00"	1130 lb
L3-PC100-GRAY	1"	1.049"	1.35"	1130 lb
L3-PC114-GRAY	1-1/4"	1.25"	1.56"	1130 lb
L3-PC200-GRAY	2"	2.0"	2.349"	1130 lb
L3-PC034-YELLOW	¾"	0.932"	1.00"	1130 lb
L3-PC100-YELLOW	1"	1.049"	1.35"	1130 lb
L3-PC114-YELLOW	1-1/4"	1.25"	1.56"	1130 lb
L3-PC200-YELLOW	2"	2.0"	2.349"	1130 lb

Note: Corrugated Products are Not Recommended for Direct Bury Due to Lack of Crush Resistance. For Direct Bury the Industry's Recommendation is Smoothwall Products.

## TELCOFLEX

### TELCOFLEX® L2

Low Smoke, Non-Halogenated Insulation, Lead-Free and Silicone-Free, UL Central Office Power Cable. 105°C Dry as AWM, 60°C Wet; UL Listed RHH/ST1 90°C Dry, 60°C Wet, 600 Volts. Sizes 1/0 AWG and larger are UL Listed for CT USE. CSA AWM I B 105°C 600 Volt FT4.



TABLE 1 – PHYSICAL AND ELECTRICAL DATA

PARTS#	DESCRIPTION	SIZE	STRANDING	NOMINAL CONDUCTOR DIAMETER (INCHES)	INSUL. MIN. AVG. WALL (MILS)	NOMINAL INSUL. DIAM. (INCHES)	MAX D.C RES @ 20°C (OHMS/MFT)	AMPACITY PER NEC TABLE 310.15(B)(16)	
								75°C	90°C
L3-TELCO-L2-1	List 2, #1 Telcoflex	1	210	.370	80	.540	0.1260	130	130
L3-TELCO-L2-2	List 2, #2 Telcoflex	2	168	.305	60	.430	0.1720	115	115
L3-TELCO-L2-4	List 2, #4 Telcoflex	4	126	.260	60	.365	0.2740	65	65
L3-TELCO-L2-6	List 2, #6 Telcoflex	6	65	.186	60	.315	0.4360	65	65
L3-TELCO-L2-8	List 2, #8 Telcoflex	8	41	.153	60	.280	0.6790	50	50
L3-TELCO-L2-10	List 2, #10 Telcoflex	10	104	.116	45	.209	1.080	35	35
L3-TELCO-L2-12	List 2, #12 Telcoflex	12	65	.089	45	.182	1.720	25	25
L3-TELCO-L2-14	List 2, #14 Telcoflex	14	41	.077	45	.170	2.730	20	20
L3-TELCO-L2-1/0	List 2, #1/0 Telcoflex	1/0	266	.392	80	.560	0.1090	150	150
L3-TELCO-L2-2/0	List 2, #2/0 Telcoflex	2/0	342	.455	80	.620	0.0565	175	175
L3-TELCO-L2-4/0	List 2, #4/0 Telcoflex	4/0	532	.577	80	.745	0.0546	230	230
L3-TELCO-L2-350	List 2, 350 MCM Telcoflex	350	888	.760	95	.960	0.0334	310	310
L3-TELCO-L2-500	List 2, 500 MCM Telcoflex	500	1221	.890	95	1.090	0.0234	380	380
L3-TELCO-L2-750	List 2, 750 MCM Telcoflex	750	1850	1.094	110	1.320	0.0157	475	475

Note: All Sizes are Available in Black, Blue, Gray, Green and Red

## TELCOFLEX

## TELCOFLEX® L3

Low Smoke, Non-Halogenated Insulation, Lead-Free and Silicone-Free, UL Central Office Power Cable with Cotton Braid. 105°C Dry as AWM, 60°C Wet; UL Listed RHH/ST1 90°C Dry and VW-1, 600 Volts DC or AC. Sizes 1/0 AWG and larger are UL Listed for CT USE. CSA AWM I B 105°C 600 Volt FT4.

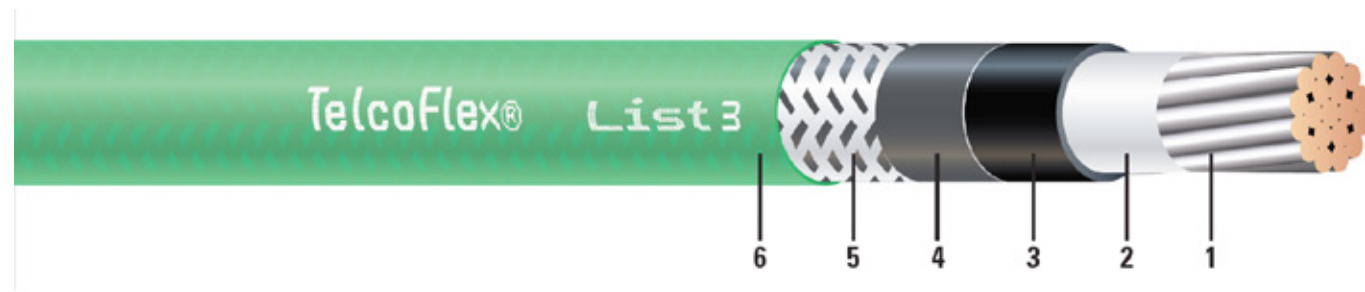


TABLE 1 – PHYSICAL AND ELECTRICAL DATA

PARTS#	DESCRIPTION	SIZE	STRANDING	NOMINAL CONDUCTOR DIAMETER (INCHES)	INSUL. MIN. AVG. WALL (MILS)	NOMINAL INSUL. DIAM. (INCHES)	NOMINAL OUTSIDE DIAMETER OVER BRAID (INCHES)	MAX D.C RES @ 20°C (OHMS/MFT)	AMPACITY PER NEC TABLE 310.15(B)(16)	
									75°C	90°C
L3-TELCO-L3-2	List 3, #2 Telcoflex	2	7/.0992"	.2830	60	.406	.482	0.1691	115	130
L3-TELCO-L3-4	List 3, #4 Telcoflex	4	7/.0787"	.2250	60	.348	.414	0.2689	85	95
L3-TELCO-L3-6	List 3, #6 Telcoflex	6	7/.0624"	.1780	60	.304	.370	0.4276	65	75
L3-TELCO-L3-8	List 3, #8 Telcoflex	8	7/.0495"	.1420	60	.265	.327	0.6795	50	55
L3-TELCO-L3-10	List 3, #10 Telcoflex	10	7/.0392"	.1130	45	.210	.272	1.080	35	40
L3-TELCO-L3-12	List 3, #12 Telcoflex	12	7/.0311"	.0892	45	.182	.244	1.720	25	30
L3-TELCO-L3-14	List 3, #14 Telcoflex	14	7/.0247"	.0708	45	.164	.226	2.730	20	25
L3-TELCO-L3-1/0	List 3, #1/0 Telcoflex	1/0	19/.0760"	.3620	80	.530	.606	0.1063	150	170
L3-TELCO-L3-2/0	List 3, #2/0 Telcoflex	2/0	19/.0853"	.4050	80	.579	.651	0.08432	175	195
L3-TELCO-L3-4/0	List 3, #4/0 Telcoflex	4/0	19/.1076"	.5120	80	.688	.756	0.05248	230	260
L3-TELCO-L3-350	List 3, 350 MCM Telcoflex	350	37/.0991"	.6610	95	.854	.930	0.03206	310	350
L3-TELCO-L3-500	List 3, 500 MCM Telcoflex	500	37/.1185"	.7900	95	.983	1.059	0.02222	380	430
L3-TELCO-L3-750	List 3, 750 MCM Telcoflex	750	61/.1130"	.9680	110	1.200	1.276	0.01481	475	535

Note: All Sizes are Available in Black, Blue, Gray, Green and Red

## TELCOFLEX

## TELCOFLEX® L4

Low Smoke, Non-Halogenated Insulation, Lead-Free and Silicone-Free, UL Central Office Power Cable with Cotton Braid. 105°C Dry as AWM, 60°C Wet; UL Listed RHH/ST1 90°C Dry and VW-1, 600 Volts DC or AC. Sizes 1/0 AWG and larger are UL Listed for CT USE. CSA AWM I B 105°C 600 Volt FT4.



TABLE 1 – PHYSICAL AND ELECTRICAL DATA

PARTS#	DESCRIPTION	SIZE	STRANDING	NOMINAL CONDUCTOR DIAMETER (INCHES)	INSUL. MIN. AVG. WALL (MILS)	NOMINAL INSUL. DIAM. (INCHES)	MAX D.C RES @ 20°C (OHMS/MFT)	AMPACITY PER NEC TABLE 310.15(B)(16)	
								75°C	90°C
L3-TELCO-L4-2	List 4, #2 Telcoflex	2	168	.305	60	.438	0.172	115	130
L3-TELCO-L4-4	List 4, #4 Telcoflex	4	126	.260	60	.383	0.274	85	95
L3-TELCO-L4-6	List 4, #6 Telcoflex	6	65	.186	60	.312	0.436	65	75
L3-TELCO-L4-8	List 4, #8 Telcoflex	8	41	.153	60	.277	0.679	50	55
L3-TELCO-L4-1/0	List 4, #1/0 Telcoflex	1/0	266	.392	80	.555	0.109	150	170
L3-TELCO-L4-2/0	List 4, #2/0 Telcoflex	2/0	342	.455	80	.618	0.0868	175	195
L3-TELCO-L4-4/0	List 4, #4/0 Telcoflex	4/0	532	.577	80	.745	0.0546	230	260
L3-TELCO-L4-350	List 4, 350 MCM Telcoflex	350	888	.760	95	.953	0.0334	310	350
L3-TELCO-L4-500	List 4, 500 MCM Telcoflex	500	1221	.890	95	1.090	0.0234	380	430
L3-TELCO-L4-750	List 4, 750 MCM Telcoflex	750	1850	1.094	110	1.320	0.0157	475	535

Note: All Sizes are Available in Black, Blue, Gray, Green and Red

# CABLING /ACCESSORIES

- Nex10 Components
- Coaxial Jumpers
- Coaxial Connectors
- Coaxial Cable
- Coaxial Prep Tools
- Network Accessories/Tools
- Fiber
- Fiber Jumpers
- Fiber Trunks



## NEX10 COMPONENTS

### Nex10 Female Cap Kit

PART#	DESCRIPTION
L3-Nex10-CK	Nex10 Female End Cap Assembly



### Nex10 Torque Wrench

PART#	DESCRIPTION
L3-Nex10-TQ	Nex10 Torque Wrench



### Nex10 4.3-10 Adapters

PART#	DESCRIPTION
L3-Nex10-M-4.3M	Nex10 Male to 4.3-10 Male Adapter
L3-Nex10-M-4.3F	Nex10 Male to 4.3-10 Female Adapter
L3-Nex10-F-4.3M	Nex10 Female to 4.3-10 Male Adapter
L3-Nex10-F-4.3F	Nex10 Female to 4.3-10 Female Adapter



## NEX10 COMPONENTS



### Nex10 N Type Adapters

PART#	DESCRIPTION
L3-Nex10-M-NM	Nex10 Male to N Type Male Adapter
L3-Nex10-M-NF	Nex10 Male to N Type Female Adapter
L3-Nex10-F-NM	Nex10 Female to N Type Male Adapter
L3-Nex10-F-NF	Nex10 Female to N Type Female Adapter



### Nex10 7/16" DIN Male/Female Adapters

PART#	DESCRIPTION
L3-Nex10-M-DM	Nex10 Male to 7/16" DIN Male Adapter
L3-Nex10-F-DM	Nex10 Female to 7/16" DIN Male Adapter
L3-Nex10-F-DF	Nex10 Female to 7/16" DIN Female Adapter



### Nex10 Termination Loads

PART#	DESCRIPTION
L3-NEX10M-2W-D	2 Watt Nex10 Male Termination Load DC-6GHz
L3-NEX10M-10W-D	10 Watt Nex10 Male Termination Load DC-6GHz
L3-NEX10M-25W-D	25 Watt Nex10 Male Termination Load DC-6GHz
L3-NEX10M-50W-D	50 Watt Nex10 Male Termination Load DC-6GHz



Launch3Direct.com



## COAXIAL JUMPERS



### 4.3-10 to 4.3-10 1/2" Coax Jumpers – with Weatherproofing

PART#	DESCRIPTION
L3-12W-4.3M4.3M-3	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 3ft
L3-12W-4.3M4.3M-4	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 4ft
L3-12W-4.3M4.3M-6	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 6ft
L3-12W-4.3M4.3M-8	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 8ft
L3-12W-4.3M4.3M-10	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 10ft
L3-12W-4.3M4.3M-12	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 12ft
L3-12W-4.3M4.3M-15	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 15ft
L3-12W-4.3M4.3M-20	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 20ft
L3-12W-4.3M4.3M-25	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 25ft
L3-12W-4.3M4.3M-30	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 30ft



### 4.3-10 to DIN Male 1/2" Coax Jumpers – with Weatherproofing

PART#	DESCRIPTION
L3-12W-4.3MDM-3	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 3ft
L3-12W-4.3MDM-4	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 4ft
L3-12W-4.3MDM-6	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 6ft
L3-12W-4.3MDM-8	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 8ft
L3-12W-4.3MDM-10	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 10ft
L3-12W-4.3MDM-12	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 12ft
L3-12W-4.3MDM-15	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 15ft
L3-12W-4.3MDM-20	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 20ft
L3-12W-4.3MDM-25	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 25ft
L3-12W-4.3MDM-30	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 30ft



### DIN Male to DIN Male 1/2" Coax Jumpers – with Weatherproofing

PART#	DESCRIPTION
L3-12W-DMDM-3	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 3ft
L3-12W-DMDM-4	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 4ft
L3-12W-DMDM-6	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 6ft
L3-12W-DMDM-8	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 8ft
L3-12W-DMDM-10	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 10ft
L3-12W-DMDM-12	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 12ft
L3-12W-DMDM-15	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 15ft
L3-12W-DMDM-20	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 20ft
L3-12W-DMDM-25	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 25ft
L3-12W-DMDM-30	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 30ft

## COAXIAL JUMPERS

### 4.3-10 to 4.3-10 1/2" Coax Jumpers

PART#	DESCRIPTION
L3-12-4.3M4.3M-3	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male, 3ft
L3-12-4.3M4.3M-4	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male, 4ft
L3-12-4.3M4.3M-6	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male, 6ft
L3-12-4.3M4.3M-8	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male, 8ft
L3-12-4.3M4.3M-10	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male, 10ft
L3-12-4.3M4.3M-12	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male, 12ft
L3-12-4.3M4.3M-15	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male, 15ft
L3-12-4.3M4.3M-20	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male, 20ft
L3-12-4.3M4.3M-25	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male, 25ft
L3-12-4.3M4.3M-30	L3-LDFC-12 Jumper, 4.3-10 Male to 4.3-10 Male, 30ft

### 4.3-10 to DIN Male 1/2" Coax Jumpers

PART#	DESCRIPTION
L3-12-4.3MDM-3	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male, 3ft
L3-12-4.3MDM-4	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male, 4ft
L3-12-4.3MDM-6	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male, 6ft
L3-12-4.3MDM-8	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male, 8ft
L3-12-4.3MDM-10	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male, 10ft
L3-12-4.3MDM-12	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male, 12ft
L3-12-4.3MDM-15	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male, 15ft
L3-12-4.3MDM-20	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male, 20ft
L3-12-4.3MDM-25	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male, 25ft
L3-12-4.3MDM-30	L3-LDFC-12 Jumper, 4.3-10 Male to 7/16 DIN Male, 30ft

### DIN Male to DIN Male 1/2" Coax Jumpers

PART#	DESCRIPTION
L3-12-DMDM-3	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male, 3ft
L3-12-DMDM-4	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male, 4ft
L3-12-DMDM-6	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male, 6ft
L3-12-DMDM-8	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male, 8ft
L3-12-DMDM-10	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male, 10ft
L3-12-DMDM-12	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male, 12ft
L3-12-DMDM-15	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male, 15ft
L3-12-DMDM-20	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male, 20ft
L3-12-DMDM-25	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male, 25ft
L3-12-DMDM-30	L3-LDFC-12 Jumper, 7/16 DIN Male to 7/16 DIN Male, 30ft

Note: Custom Length Options are Available.





## COAXIAL JUMPERS

### CommScope 4.3-M to 4.3-M 3/8" Coax Jumpers

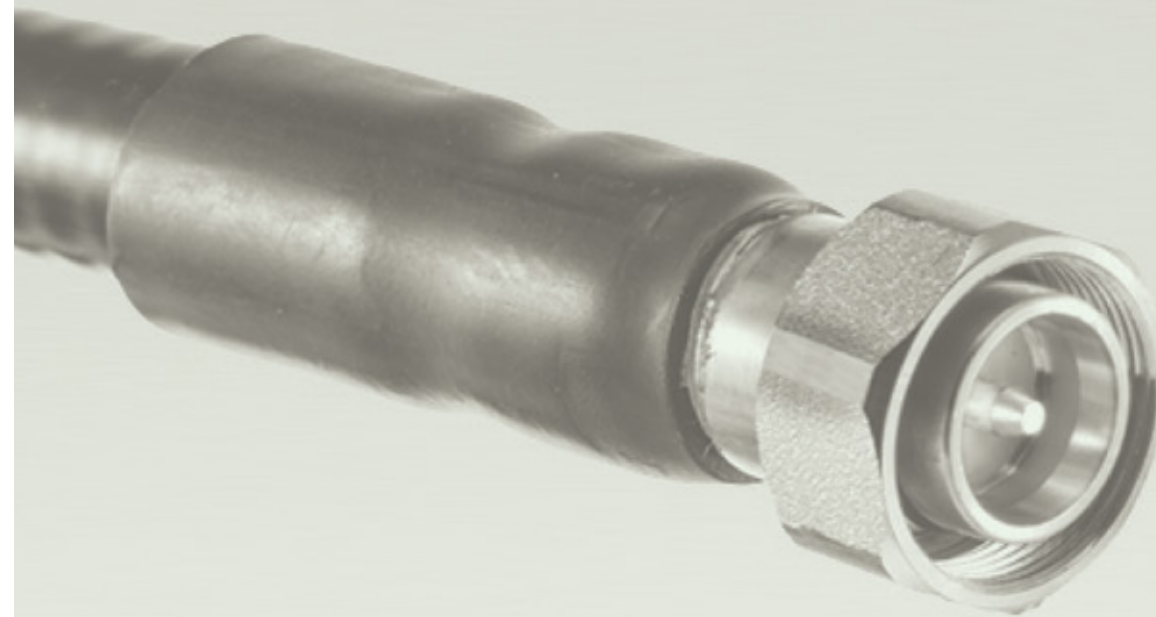
PART#	DESCRIPTION
LS2-HMHH-3-D	3' LSF2 3/8" D-Class SUREFLEX Cable Asst 4.3-M to 4.3-M
LS2-HMHH-6-D	6' LSF2 3/8" D-Class SUREFLEX Cable Assy 4.3-M to 4.3-M
LS2-HMHH-8-D	8' LSF2 3/8" D-Class SUREFLEX Cable Assy 4.3-M to 4.3M
LS2-HMHH-10-D	10' LSF2 3/8" D-Class SUREFLEX Cable Assy 4.3-M to 4.3M
LS2-HMHH-20-D	20' LSF2 3/8" D-Class SUREFLEX Cable Assy 4.3-M to 4.3M
LS2-HMHH-25-D	25' LSF2 3/8" D-Class SUREFLEX Cable Assy 4.3-M to 4.3M
LS2-HMHH-30-D	30' LSF2 3/8" D-Class SUREFLEX Cable Asst 4.3-M to 4.3-M
LS2-HMHH-40-D	40' LSF2 3/8" D-Class SUREFLEX Cable Assy 4.3-M to 4.3M
LS2-HMHH-45-D	45' LSF2 3/8" D-Class SUREFLEX Cable Assy 4.3-M to 4.3M
LS2-HMHH-50-D	50' LSF2 3/8" D-Class SUREFLEX Cable Assy 4.3-M to 4.3M
LS2-HMHH-55-D	55' LSF2 3/8" D-Class SUREFLEX Cable Assy 4.3-M to 4.3M
LS2-HMHH-60-D	60' LSF2 3/8" D-Class SUREFLEX Cable Assy 4.3-M to 4.3M

Note: Additional Lengths Available

### CommScope 4.3-M to 4.3-M 3/8" Coax Jumpers with Weatherproofing

PART#	DESCRIPTION
LS2-HMHH-3-W-D	3' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-6-W-D	6' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-8-W-D	8' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-10-W-D	10' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-20-W-D	20' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-25-W-D	25' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-30-W-D	30' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-40-W-D	40' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-45-W-D	45' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-50-W-D	50' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-55-W-D	55' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M
LS2-HMHH-60-W-D	60' LSF2 3/8" D-Class SUREFLEX SureGuard Assy 4.3-M to 4.3-M

Note: Additional Lengths Available



Launch3Direct.com

## COAXIAL JUMPERS

### Rosenberger 4.3-10 to 4.3-10 1/2" Coax Jumpers with Weatherproofing



PART#	DESCRIPTION
SLJ12RPW-64M64M-3FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 3ft
SLJ12RPW-64M64M-4FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 4ft
SLJ12RPW-64M64M-6FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 6ft
SLJ12RPW-64M64M-8FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 8ft
SLJ12RPW-64M64M-10FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 10ft
SLJ12RPW-64M64M-12FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 12ft
SLJ12RPW-64M64M-15FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 15ft
SLJ12RPW-64M64M-20FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 20ft
SLJ12RPW-64M64M-25FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 25ft
SLJ12RPW-64M64M-30FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 30ft

### Rosenberger 4.3-10 to DIN Male 1/2" Coax Jumpers with Weatherproofing



PART#	DESCRIPTION
SLJ12RPW-60M64M-3FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 3ft
SLJ12RPW-60M64M-4FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 4ft
SLJ12RPW-60M64M-6FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 6ft
SLJ12RPW-60M64M-8FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 8ft
SLJ12RPW-60M64M-10FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 10ft
SLJ12RPW-60M64M-12FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 12ft
SLJ12RPW-60M64M-15FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 15ft
SLJ12RPW-60M64M-20FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 20ft
SLJ12RPW-60M64M-25FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 25ft
SLJ12RPW-60M64M-30FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 30ft

### Rosenberger DIN Male to DIN Male 1/2" Coax Jumpers with Weatherproofing



PART#	DESCRIPTION
SLJ12RPW-60M60M-3FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 3ft
SLJ12RPW-60M60M-4FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 4ft
SLJ12RPW-60M60M-6FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 6ft
SLJ12RPW-60M60M-8FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 8ft
SLJ12RPW-60M60M-10FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 10ft
SLJ12RPW-60M60M-12FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 12ft
SLJ12RPW-60M60M-15FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 15ft
SLJ12RPW-60M60M-20FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 20ft
SLJ12RPW-60M60M-25FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 25ft
SLJ12RPW-60M60M-30FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 30ft

## COAXIAL JUMPERS

### Rosenberger 4.3-10 to 4.3-10 1/2" Coax Jumpers

PART#	DESCRIPTION
SLJ12RP-64M64M-3FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 3ft
SLJ12RP-64M64M-4FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 4ft
SLJ12RP-64M64M-6FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 6ft
SLJ12RP-64M64M-8FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 8ft
SLJ12RP-64M64M-10FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 10ft
SLJ12RP-64M64M-12FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 12ft
SLJ12RP-64M64M-15FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 15ft
SLJ12RP-64M64M-20FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 20ft
SLJ12RP-64M64M-25FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 25ft
SLJ12RP-64M64M-30FT-00	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 30ft

### Rosenberger 4.3-10 to DIN Male 1/2" Coax Jumpers

PART#	DESCRIPTION
SLJ12RP-60M64M-3FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 3ft
SLJ12RP-60M64M-4FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 4ft
SLJ12RP-60M64M-6FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 6ft
SLJ12RP-60M64M-8FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 8ft
SLJ12RP-60M64M-10FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 10ft
SLJ12RP-60M64M-12FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 12ft
SLJ12RP-60M64M-15FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 15ft
SLJ12RP-60M64M-20FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 20ft
SLJ12RP-60M64M-25FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 25ft
SLJ12RP-60M64M-30FT-00	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 30ft

### Rosenberger DIN Male to DIN Male 1/2" Coax Jumpers

PART#	DESCRIPTION
SLJ12RP-60M60M-3FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 3ft
SLJ12RP-60M60M-4FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 4ft
SLJ12RP-60M60M-6FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 6ft
SLJ12RP-60M60M-8FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 8ft
SLJ12RP-60M60M-10FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 10ft
SLJ12RP-60M60M-12FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 12ft
SLJ12RP-60M60M-15FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 15ft
SLJ12RP-60M60M-20FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 20ft
SLJ12RP-60M60M-25FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 25ft
SLJ12RP-60M60M-30FT-00	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 30ft





## COAXIAL JUMPERS

### JMA 4.3-10 to 4.3-10 1/2" Coax Jumpers with Weatherproofing



PART#	DESCRIPTION
L4MW4MW-12-3	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 3ft
L4MW4MW-12-4	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 4ft
L4MW4MW-12-6	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 6ft
L4MW4MW-12-8	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 8ft
L4MW4MW-12-10	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 10ft
L4MW4MW-12-12	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 12ft
L4MW4MW-12-15	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 15ft
L4MW4MW-12-20	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 20ft
L4MW4MW-12-25	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 25ft
L4MW4MW-12-30	1/2" Jumper, 4.3-10 Male to 4.3-10 Male with Weatherproofing, 30ft

### JMA 4.3-10 to DIN Male 1/2" Coax Jumpers with Weatherproofing



PART#	DESCRIPTION
LDMW4MW-12-3	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 3ft
LDMW4MW-12-4	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 4ft
LDMW4MW-12-6	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 6ft
LDMW4MW-12-8	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 8ft
LDMW4MW-12-10	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 10ft
LDMW4MW-12-12	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 12ft
LDMW4MW-12-15	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 15ft
LDMW4MW-12-20	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 20ft
LDMW4MW-12-25	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 25ft
LDMW4MW-12-30	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male with Weatherproofing, 30ft

### JMA DIN Male to DIN Male 1/2" Coax Jumpers with Weatherproofing



PART#	DESCRIPTION
LDMWDMW-12-3	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 3ft
LDMWDMW-12-4	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 4ft
LDMWDMW-12-6	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 6ft
LDMWDMW-12-8	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 8ft
LDMWDMW-12-10	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 10ft
LDMWDMW-12-12	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 12ft
LDMWDMW-12-15	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 15ft
LDMWDMW-12-20	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 20ft
LDMWDMW-12-25	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 25ft
LDMWDMW-12-30	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male with Weatherproofing, 30ft

## COAXIAL JUMPERS

### JMA 4.3-10 to 4.3-10 1/2" Coax Jumpers

PART#	DESCRIPTION
L4M4M-12-3	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 3ft
L4M4M-12-4	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 4ft
L4M4M-12-6	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 6ft
L4M4M-12-8	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 8ft
L4M4M-12-10	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 10ft
L4M4M-12-12	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 12ft
L4M4M-12-15	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 15ft
L4M4M-12-20	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 20ft
L4M4M-12-25	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 25ft
L4M4M-12-30	1/2" Jumper, 4.3-10 Male to 4.3-10 Male, 30ft

### JMA 4.3-10 to DIN Male 1/2" Coax Jumpers

PART#	DESCRIPTION
LDM4M-12-3	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 3ft
LDM4M-12-4	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 4ft
LDM4M-12-6	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 6ft
LDM4M-12-8	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 8ft
LDM4M-12-10	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 10ft
LDM4M-12-12	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 12ft
LDM4M-12-15	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 15ft
LDM4M-12-20	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 20ft
LDM4M-12-25	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 25ft
LDM4M-12-30	1/2" Jumper, 4.3-10 Male to 7/16 DIN Male, 30ft

### JMA DIN Male to DIN Male 1/2" Coax Jumpers

PART#	DESCRIPTION
LDMDM-12-3	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 3ft
LDMDM-12-4	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 4ft
LDMDM-12-6	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 6ft
LDMDM-12-8	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 8ft
LDMDM-12-10	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 10ft
LDMDM-12-12	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 12ft
LDMDM-12-15	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 15ft
LDMDM-12-20	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 20ft
LDMDM-12-25	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 25ft
LDMDM-12-30	1/2" Jumper, 7/16 DIN Male to 7/16 DIN Male, 30ft



## COAXIAL JUMPERS

### 1/2" RFS Jumpers

PART#	DESCRIPTION
7M7ML12-030FFP	LCF12 Jumper, DIN(m) / DIN(m), -155dBc, 3'
7M7ML12-040FFP	LCF12 Jumper, DIN(m) / DIN(m), -155dBc, 4'
7M7ML12-060FFP	LCF12 Jumper, DIN(m) / DIN(m), -155dBc, 6'
7M7ML12-080FFP	LCF12 Jumper, DIN(m) / DIN(m), -155dBc, 8'
7M7ML12-100FFP	LCF12 Jumper, DIN(m) / DIN(m), -155dBc, 10'
7M7ML12-120FFP	LCF12 Jumper, DIN(m) / DIN(m), -155dBc, 12'
7M7ML12-150FFP	LCF12 Jumper, DIN(m) / DIN(m), -155dBc, 15'
7M7ML12-200FFP	LCF12 Jumper, DIN(m) / DIN(m), -155dBc, 20'
7M7ML12-250FFP	LCF12 Jumper, DIN(m) / DIN(m), -155dBc, 25'
7M7ML12-300FFP	LCF12 Jumper, DIN(m) / DIN(m), -155dBc, 30'
7M7MRL12-060FFP	LCF12 Jumper, DIN(m) / DIN(m)RA, -155dBc, 6'
7M7MRL12-100FFP	LCF12 Jumper, DIN(m) / DIN(m)RA, -155dBc, 10'

### RFS 4.3-10 Jumpers

PART#	DESCRIPTION
43M43ML12-030FFP	LCF12 Jumper (Standard Flex, Outdoor Rated) DINM - 4.3-10M FF 3ft
43M43ML12-060FFP	LCF12 Jumper (Standard Flex, Outdoor Rated) DINM - 4.3-10M FF 6ft
43M43ML12-080FFP	LCF12 Jumper (Standard Flex, Outdoor Rated) DINM - 4.3-10M FF 8ft
43M43ML12-100FFP	LCF12 Jumper (Standard Flex, Outdoor Rated) DINM - 4.3-10M FF 10ft
43M43ML12-120FFP	LCF12 Jumper (Standard Flex, Outdoor Rated) DINM - 4.3-10M FF 12ft
43M43ML12-150FFP	LCF12 Jumper (Standard Flex, Outdoor Rated) DINM - 4.3-10M FF 15ft
43M43ML12-200FFP	LCF12 Jumper (Standard Flex, Outdoor Rated) DINM - 4.3-10M FF 20ft
7M43ML12-030FFP	LCF12 Jumper DINM - 4.3-10M FF 3ft
7M43ML12-060FFP	LCF12 Jumper DINM - 4.3-10M FF 6ft
7M43ML12-080FFP	LCF12 Jumper DINM - 4.3-10M FF 8ft
7M43ML12-100FFP	LCF12 Jumper DINM - 4.3-10M FF 10ft
7M43ML12-120FFP	LCF12 Jumper DINM - 4.3-10M FF 12ft
7M43ML12-150FFP	LCF12 Jumper DINM - 4.3-10M FF 15ft
7M43ML12-200FFP	LCF12 Jumper DINM - 4.3-10M FF 20ft

### 1/2" Plenum RFS Jumpers

PART#	DESCRIPTION
NMNM12P-060FFP	ICA12 Jumper, N(m) / N(m), -155dBc, 6'
NMNM12P-090FFP	ICA12 Jumper, N(m) / N(m), -155dBc, 9'
NMNM12P-100FFP	ICA12 Jumper, N(m) / N(m), -155dBc, 10'
NMNM12P-120FFP	ICA12 Jumper, N(m) / N(m), -155dBc, 12'
NMNM12P-200FFP	ICA12 Jumper, N(m) / N(m), -155dBc, 20'



## COAXIAL CONNECTORS

### RFS Connector for 1/4" Superflex Cables

PART#	DESCRIPTION
716F-SCF12-D01	Connector, DIN Female for 1/2" Superflexible Cable
716M-SCF12-D01	Connector, DIN Male for 1/2" Superflexible Cable
716MR-SCF12-D01	Connector, DIN Male Right Angle for 1/2" Superflexible Cable
NF-SCF12-D01	Connector, N Female for 1/2" Superflexible Cable
NM-SCF12-D01	Connector, N Male for 1/2" Superflexible Cable
NMR-SCF12-D01	Connector, N Male Right Angle for 1/2" Superflexible Cable

### RFS Connector for 1/2" Cables

PART#	DESCRIPTION
43M-LCF12-D01	Connector, 4.3-10(m) for 1/2" Premium Coaxial Cable
43M-SCF12-D01	Connector, 4.3-10(m) for 1/2" Superflex Coaxial Cable
716F-LCF12-D01	Connector, DIN(f) for LCF12-50 & ICA12-50
716M-LCF12-D01	Connector, DIN(m) for LCF12-50 & ICA12-50
716MR-LCF12-D01	Connector, DIN(m) RA for LCF12-50 & ICA12-50
NF-LCF12-D01	Connector, N(f) for LCF12-50 & ICA12-50
NM-LCF12-D01	Connector, N(m) for LCF12-50 & ICA12-50
NMR-LCF12-D01	Connector, DIN(m) RA for LCF12-50 & ICA12-50

### RFS Connector for 1/2" Plenum Cables

PART#	DESCRIPTION
NF-LCF12-B32	Connector, N(f) for 1/2" ICA12-50 Series Cable
NM-LCF12-B32	Connector, N(m) for 1/2" ICA12-50 Series Cable

### RFS Connector for 7/8" Cables

PART#	DESCRIPTION
716F-LCF78-D01K	Connector, DIN(f) for LCF78 & UCF78 Series Cable
716M-LCF78-D01K	Connector, DIN(m) for LCF78 & UCF78 Series Cable
NF-LCF78-D01K	Connector, N(f) for LCF78 & UCF78 Series Cable
NM-LCF78-D01K	Connector, N(m) for LCF78 & UCF78 Series Cable



## COAXIAL CONNECTORS



### RFS Connector for 7/8" Air Cables

PART#	DESCRIPTION
716F-HCA78-020	Connector, DIN(f) for 7/8" HCA78-50 Series Cable
78EIA-HCA78-001	Connector, EIA for 7/8" HCA78-50 Series Cable
NF-HCA78-001	Connector, N(f) for 7/8" HCA78-50 Series Cable



### RFS Connector for 1-1/4" Cables

PART#	DESCRIPTION
716F-LCF114-D01K	Connector, DIN(f) for 1-1/4" UCF114-50 Series Cable
716M-LCF114-D01K	Connector, DIN(m) for 1-1/4" UCF114-50 Series Cable



### RFS Connector for 1-5/8" Cables

PART#	DESCRIPTION
716F-LCF158-D01K	Connector, DIN(f) for 1-5/8" LCF158-50 Series Cable
716M-LCF158-D01K	Connector, DIN(m) for 1-5/8" LCF158-50 Series Cable



### RFS Connector for 1-5/8" Air Cables

PART#	DESCRIPTION
NM-HCA158-002	Connector, N(m) for 1-5/8" HCA158-50 Series Cable
NF-HCA158-002	Connector, N(f) for 1-5/8" HCA158-50 Series Cable

## COAXIAL CONNECTORS

### RFS Connector for 2-1/4" Cables

PART#	DESCRIPTION
716F-LCF214-001	Connector, DIN(f) for 2-1/4" LCF214-50 Series Cable
716M-LCF214-001	Connector, DIN(m) for 2-1/4" LCF214-50 Series Cable



### Connector for 195 Type Braided Cables

PART#	DESCRIPTION
RFD-1605-2-C	Connector, DIN(m) or DIN(m)RA for 195 Braided Cables
RFN-1027-N	Connector, N(f) for 195 Braided Cables
RFN-1005-3C	Connector, N(m) for 195 Braided Cables



### Connector for 240 Type Braided Cables

PART#	DESCRIPTION
RFD-1605-2-X	Connector, DIN(m) or DIN(m)RA for 240 Braided Cables
RFN-1029-SX	Connector, N(f) for 240 Braided Cables
RFN-1006-8X	Connector, N(m) for 240 Braided Cables
RFN-1004-1SX	Connector, N(m) for 240 Braided Cables
RP-3000-1X	Connector, SMA(m) Reverse Polarity for 240 Braided Cables
RQA-5000-X	Connector, QMA (m) for 240 Braided Cables



### Connector for 400 Type Braided Cables

PART#	DESCRIPTION
RFD-1604-2I	Connector, DIN(m) for 400 Braided Cables
RFN-1028-I	Connector, N(f) for 400 Braided Cables
RFN-1006-3I	Connector, N(m) for 400 Braided Cables



## COAXIAL CONNECTORS

## COAXIAL CONNECTORS



### JMA Connector for 1/4" Superflex Cables

PART#	DESCRIPTION
UXP-DM-14S	Connector, DIN(m) for 1/4" Superflexible Cable
UXP-DRA-14S	Connector, DIN(m) Right Angle for 1/4" Superflexible Cable
UXP-MDM-14S	Connector, Mini-DIN(m) for 1/4" Superflexible Cable
UXP-MRA-14S	Connector, Mini-DIN(m) Right Angle for 1/4" Superflexible Cable
UXP-NF-14S	Connector, N(f) for 1/4" Superflexible Cable
UXP-NM-14S	Connector, N(m) for 1/4" Superflexible Cable
UXP-NRA-14S	Connector, N(m) Right Angle for 1/4" Superflexible Cable
UXP-MRA-12S	Connector, Mini-DIN(m) Right Angle for 1/2" Superflexible Cable
UXP-DF-12S	Connector, DIN(f) for 1/2" Superflexible Cable
UXP-DM-12S	Connector, DIN(m) for 1/2" Superflexible Cable
UXP-DRA-12S	Connector, DIN(m) Right Angle for 1/2" Superflexible Cable
UXP-MDM-12S	Connector, Mini-DIN(m) for 1/2" Superflexible Cable
UXP-NF-12S	Connector, N(f) for 1/2" Superflexible Cable
UXP-NM-12S	Connector, N(m) for 1/2" Superflexible Cable
UXP-NRA-12S	Connector, N(m) Right Angle for 1/2" Superflexible Cable

### JMA Connector for 1/2" Cables

PART#	DESCRIPTION
UXP-DF-12L	Connector, DIN(f) for LS LHF12D Cable
UXP-DM-12L	Connector, DIN(m) for LS LHF12D Cable
UXP-DRA-12L	Connector, DIN(m) Right Angle for LS LHF12D Cable
UXP-MDF-12	Connector, Mini-DIN(f) for 1/2" Annular Cable
UXP-MDM-12L	Connector, Mini-DIN(m) for LS LHF12D Cable
UXP-MRA-12	Connector, Mini-DIN(m) Right Angle for 1/2" Annular Cable
UXP-NF-12L	Connector, N(f) for LS LHF12D Cable
UXP-NM-12L	Connector, N(m) for LS LHF12D Cable
UXP-NRA-12L	Connector, N(m) Right Angle for LS LHF12D Cable
UXP-DF-12	Connector, DIN(f) for 1/2" Annular Cable
UXP-DM-12	Connector, DIN(m) for 1/2" Annular Cable
UXP-DRA-12	Connector, DIN(m) Right Angle for 1/2" Annular Cable
UXP-MDM-12	Connector, Mini-DIN(m) for 1/2" Annular Cable
UXP-NF-12	Connector, N(f) for 1/2" Annular Cable
UXP-NM-12	Connector, N(m) for 1/2" Annular Cable
UXP-NRA-12	Connector, N(m) Right Angle for 1/2" Annular Cable



### JMA Connector for 1/2" Plenum Cables

PART#	DESCRIPTION
UPL-DF-12	Connector, DIN(f) for 1/2" Annular Plenum Cable
UPL-DF-12T	Connector, DIN(f) for 1/2" Trilogy Plenum Cable
UPL-DF-78	Connector, DIN(f) for 7/8" Annular Plenum Cable
UPL-DM-12	Connector, DIN(m) for 1/2" Annular Plenum Cable
UPL-DM-12T	Connector, DIN(m) for 1/2" Trilogy Plenum Cable
UPL-DRA-12	Connector, DIN(m) Right Angle for 1/2" Annular Plenum Cable
UPL-DRA-12T	Connector, DIN(m) Right Angle for 1/2" Trilogy Plenum Cable
UPL-MDF-12T	Connector, Mini-DIN(f) for 1/2" Trilogy Plenum Cable
UPL-MDF-12	Connector, Mini-DIN(f) for 1/2" Annular Plenum Cable
UPL-MDM-12	Connector, Mini-DIN(m) for 1/2" Annular Plenum Cable
UPL-MDM-12T	Connector, Mini-DIN(m) for 1/2" Trilogy Plenum Cable
UPL-MRA-12	Connector, Mini-DIN(m) Right Angle for 1/2" Annular Plenum Cable
UPL-NF-12	Connector, N(f) for 1/2" Annular Plenum Cable
UPL-NF-12T	Connector, N(f) for 1/2" Trilogy Plenum Cable
UPL-NM-12T	Connector, N(f) for 1/2" Trilogy Plenum Cable
UPL-NM-12	Connector, N(m) for 1/2" Annular Plenum Cable
UPL-NRA-12	Connector, N(m) Right Angle for 1/2" Annular Plenum Cable
UPL-NRA-12T	Connector, N(m) Right Angle for 1/2" Trilogy Plenum Cable



### JMA Connector for 1/2" Plenum Superflex Cables

PART#	DESCRIPTION
UPL-DF-12S	Connector, DIN(f) for 1/2" Superflexible Plenum Cable
UPL-DM-12S	Connector, DIN(m) for 1/2" Superflexible Plenum Cable
UPL-DRA-12S	Connector, DIN(m) Right Angle for 1/2" Superflexible Plenum Cable
UPL-MDM-12S	Connector, Mini-DIN(m) for 1/2" Superflexible Plenum Cable
UPL-NF-12S	Connector, N(f) for 1/2" Superflexible Plenum Cable
UPL-NM-12S	Connector, N(m) for 1/2" Superflexible Plenum Cable
UPL-NRA-12S	Connector, N(m) Right Angle for 1/2" Superflexible Plenum Cable

## COAXIAL CONNECTORS

## COAXIAL CONNECTORS



### JMA Connector for 7/8" Cables

PART#	DESCRIPTION
UXP-DF-78	Connector, DIN(f) for 7/8" Annular Cable
UXP-DF-78FX	Connector, DIN(f) for 7/8" Annular AVA5-50FX Cable
UXP-DM-78	Connector, DIN(m) for 7/8" Annular Cable
UXP-DM-78C	Connector, DIN(m) for 7/8" RFS-78 CU2Y Cable
UXP-DM-78FX	Connector, DIN(m) for 7/8" Annular AVA5-50FX Cable
UXP-NF-78	Connector, N(f) for 7/8" Annular Cable
UXP-NF-78FX	Connector, N(f) for 7/8" Annular AVA5-50FX Cable
UXP-NM-78	Connector, N(m) for 7/8" Annular Cable
UXP-NM-78FX	Connector, N(m) for 7/8" Annular AVA5-50FX Cable

### JMA Connector for 400 Type Braided Cables

PART#	DESCRIPTION
COMP-DM-400	Connector, DIN(m) for 400 Braided Cables
COMP-NF-400	Connector, N(f) for 400 Braided Cables
COMP-NM-400	Connector, N(m) for 400 Braided Cables
COMP-NM-400PL	Connector, N(m) for 400 Plenum Braided Cables
COMP-NRA-400	Connector, N(m) Right Angle for 400 Braided Cables
COMP-TM-400	Connector, TNC(m) for 400 Braided Cables
COMP-TM-400PL	Connector, TNC(m) for 400 Plenum Braided Cables
COMP-TRA-400	Connector, TNC(m) Right Angle for 400 Braided Cables



### JMA Connector for 7/8" Plenum Cables Only

PART#	DESCRIPTION
UPL-DM-78	Connector, DIN(m) for 7/8" Annular Plenum Cable
UPL-MDM-78	Connector, Mini-DIN(m) for 7/8" Annular Plenum Cable
UPL-NF-78	Connector, N(f) for 7/8" Annular Plenum Cable
UPL-NM-78	Connector, N(m) for 7/8" Annular Plenum Cable

### JMA - Weatherproofing

PART#	DESCRIPTION
WPS-1S	WPS for 1/4" DIN(m) Superflexible Connectors
WPS-N-1S	WPS for 1/4" N(m) Superflexible Connectors
WPS-4S	WPS for 1/2" DIN(m) Superflexible Connectors
WPS-DRA-4S	WPS for 1/2" DIN Right Angle Superflexible Connectors
WPS-N-4S	WPS for 1/2" N(m) Superflexible Connectors
WPS-4A	WPS for 1/2" DIN(m) Annular Connectors
WPS-DRA-4A	WPS for 1/2" DIN Right Angle Annular Connectors
WPS-N-4A	WPS for 1/2" N(m) Annular Connectors
WPS-5	WPS for 7/8" Connectors
WPS-6	WPS for 1-1/4" Connectors
WPS-7	WPS for 1-5/8" Connectors
WPS-78P	WPS for 7/8" DIN(m) to Antenna Port Adapter
WPS-158P	WPS for 1-5/8" DIN(m) to Antenna Port Adapter
WPS-ADP-78-158	WPS for 7/8" to 1-5/8" Adapters
WPS-NF	WPS for N(f) Antenna Ports
WPS-MDF	WPS for Mini-DIN(f) Port Seal
WPS-MDF-SAM	WPS for Mini-DIN(f) Samsung Port Seal
WPS-DF	WPS for DIN(f) Antenna Ports
WPS-DF-K	WPS for DIN(f) Reduced Neck Kathrein Antenna Port
WPS-DF-CUTTER	WPS Port Seal Cutter Tool



### JMA Connector for 1-1/4" Cables

PART#	DESCRIPTION
UXP-DM-114	Connector, DIN(m) for 1-1/4" Annular Cable
UXP-DF-114	Connector, DIN(f) for 1-1/4" Annular Cable



### JMA Connector for 1-5/8" Cables

PART#	DESCRIPTION
UXP-DF-158	Connector, DIN(f) for 1-5/8" Annular Cable
UXP-DM-158	Connector, DIN(m) for 1-5/8" Annular Cable

## COAXIAL CABLE

## COAXIAL CABLE



### RFS 1/4" Superflex Cable

PART#	DESCRIPTION
SCF14-50J	1/4" CELLFLEX Superflexible Foam-Dielectric Coaxial Cable
SCF14-50JFN	1/4" CELLFLEX Fire Retardant Superflexible Foam-Dielectric Cable



### RFS 1/4" Plenum Cable

PART#	DESCRIPTION
CBL-SPP-250LLPL	1/4" Corrugated Cable Low PIM, Plenum Rated



### RFS 1/2" Superflex Cable

PART#	DESCRIPTION
SCF12-50J-P7	1/2" CELLFLEX Superflexible Foam-Dielectric Coaxial Cable
SCF12-50JFN	1/2" CELLFLEX Low-Loss 1/2" CELLFLEX Fire Retardant Superflexible Foam-Dielectric Cable

### RFS 1/2" Coaxial Cable

PART#	DESCRIPTION
LCF12-50J	1/2" CELLFLEX Low-Loss Foam-Dielectric Coaxial Cable
LCF12-50JFN	1/2" CELLFLEX Fire Retardant Foam-Dielectric Cable



### RFS 1/2" Plenum Cable

PART#	DESCRIPTION
ICA12-50JPL	1/2" Plenum-Rated Air-Dielectric Coaxial Cable, Blue
ICA12-50JPLW	1/2" Plenum-Rated Air-Dielectric Coaxial Cable, White



### RFS 1/2" Radiating Cable

PART#	DESCRIPTION
RCF12-50JFN	1/2" RADIAFLEX Radiating Cable



## COAXIAL CABLE

### RFS 7/8" Coaxial Cable

PART#	DESCRIPTION
LCF78-50JA	7/8" CELLFLEX Low-Loss Foam-Dielectric Coaxial Cable
UCF78-50JA	7/8" CELLFLEX Ultraflexible Foam-Dielectric Coaxial Cable
LCF78-50JFNA	7/8" CELLFLEX Fire Retardant Foam-Dielectric Coaxial Cable

### RFS 7/8" Air Cable

PART#	DESCRIPTION
HCA78-50J	7/8" HELIFLEX Air-Dielectric Coaxial Cable

### RFS 7/8" Air Plenum Cable

PART#	DESCRIPTION
HCA78-50JPL	7/8" HELIFLEX Plenum-Rated Air-Dielectric Coaxial Cable

### RFS 1-1/4" Coaxial Cable

PART#	DESCRIPTION
UCF114-50JA	1-1/4" CELLFLEX Ultraflexible Foam-Dielectric Coaxial Cable

## COAXIAL CABLE

### RFS 1-5/8" Coaxial Cable

PART#	DESCRIPTION
LCF158-50JA	1-5/8" CELLFLEX Low-Loss Foam-Dielectric Coaxial Cable
LCF158-50JFNA	1-5/8" CELLFLEX Fire Retardant Foam-Dielectric Coaxial Cable

### RFS 1-5/8" Air Cable

PART#	DESCRIPTION
HCA158-50J	1-5/8" HELIFLEX Air-Dielectric Coaxial Cable

### RFS 2-1/4" Coaxial Cable

PART#	DESCRIPTION
LCF214-50JA	2-1/4" CELLFLEX Low-Loss Foam-Dielectric Coaxial Cable

## COAXIAL PREP TOOLS



### CommScope Cable Prep Tools

PART#	DESCRIPTION
CPT-12U	EASIAx Plus® Automated Cable Preparation Tool for 1/2 in Coaxial Cable
CPT-78U	EASIAx Plus® Automated Cable Preparation Tool for 7/8 in Coaxial Cable
CPT-158U	EASIAx Plus® Automated Cable Preparation Tool for 1-5/8 in Coaxial Cable
CPT-114U	EASIAx Plus® Automated Cable Preparation Tool for 1-1/4 in Coaxial Cable
A7-EZPT	EZfit® Automated Cable Preparation Tool for AVA7-50 Coaxial Cable
A6-EZPT	EZfit® Automated Cable Preparation Tool for AVA6-50 Coaxial Cable
A5FX-EZPT	EZfit® Automated Cable Preparation Tool for AVA5-50FX and AVA5-50 Coaxial Cable and EZfit® Connectors

Note: Additional Options Available



### Replacement Blade Kits for CommScope Prep Tools

PART#	DESCRIPTION
CPT-BK12U	Replacement Blade Kit for CPT-12U and CPT-L4-D Automated Cable Preparation Tools
CPT-BK5	Replacement Blade Kit for CPT-78U Automated Cable Preparation Tool
CPT-BK7	Replacement Blade Kit for CPT-158U Automated Cable Preparation Tool

Note: Additional Options Available



### CommScope Prep Tool Installation

PART#	DESCRIPTION
CPT-HANDL	Handle for Cable Preparation Tools. Allows Drill Operated Tools to Be Used by Hand

## COAXIAL PREP TOOLS

### RFS Cable Prep Tools

PART#	DESCRIPTION
TRIM-ICA12-B32-A	1/2" Automated Jacket Stripping Tool for ICA12
TRIM-LCF12-D01-A	1/2" Automated Jacket Stripping Tool for LCF12
TRIM-SCF12-D01-A	1/2" Automated Jacket Stripping Tool for SCF12
TRIM-LCF78-D01-A	7/8" Automated Jacket Stripping Tool for LCF78
TRIM-LCF114-D01-A	1-1/4" Automated Jacket Stripping Tool for LCF114
TRIM-LCF158-D01-A	1-5/8" Automated Jacket Stripping Tool for LCF158



### Replacement Blade Kits for RFS Prep Tools

PART#	DESCRIPTION
TRIM-B13	Spare Main Blade for Automatic Trim Tool TRIM-LCF12-D01-A
TRIM-B14	Spare Jacket Blade for Automatic Trim Tool TRIM-LCF12-D01-A
TRIM-B27	Main Blade for Automatic Trim Tool TRIM-SCF12-D01-A
TRIM-B28	Jacket Blade for Automatic Trim Tool TRIM-SCF12-D01-A



### RFS Ground Stripping Tool

PART#	DESCRIPTION
JSTRIP-12	1/2" Manual Jacket Stripping Tool
JSTRIP-78	7/8" Manual Jacket Stripping Tool
JSTRIP-114	1-1/4" Manual Jacket Stripping Tool
JSTRIP-158	1-5/8" Manual Jacket Stripping Tool



### RFS HYBRIFLEX Tools

PART#	DESCRIPTION
HTPT-1-114-158	Armor Cutting Tool for 1-1/4" & 1-5/8" HYBRIFLEX



### CAT Cable

PART#	DESCRIPTION
L3-CAT5E	CAT5E Patch Cable
L3-CAT6	CAT6 Cable
L3-CAT7	CAT7 Cable

Note: Available in Various Colors and Lengths





## NETWORK ACCESSORIES/TOOLS



### CAT5/5e Connections

PART#	DESCRIPTION
L3-EZ-RJ45-CAT5	EZ-RJ45 CAT5/5e Connector
L3-EZ-RJ45-CAT5SR	EZ-RJ45 CAT5/5e Strain Relief
L3-RJ45-HOOD	RJ45 Connector Hood



### CAT6 Connectors

PART#	DESCRIPTION
L3-EZ-RJ45-CAT6	EZ-RJ45 CAT6 Connector
L3-EZ-RJ45-CAT6SR	EZ-RJ45 CAT6 Strain Relief



### Prep Tools for Category Cables

PART#	DESCRIPTION
L3-EZ-RJ45-CT	EZ-RJ45 Crimp Tool, CAT5/5e/6

## FIBER

### Fiber Cleaners

PART#	DESCRIPTION
L3-CLEBOX	Compact Cleaning Box Type A with White Tape
L3-CLEBOX-CART	Replacement Cartridge for CLEBOX Type White Tape
L3-ONECLICK-MPO	Cleaning Pen for SM/MM MPO/MTP Connectors 600 Cleans
L3-ONECLICK-125MM	One Click Cleaning Pen 1.25mm LC/MU 800 Cleans
L3-ONECLICK-250MM	One Click Cleaning Pen 2.5mm SC/ST/FC 800 Cleans



### Single Mode Fiber Optic Patch Cables - LC to LC Duplex

PART#	DESCRIPTION
L3-LC/LC-D-Y-1M	1 Meter LC/LC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-2M	2 Meter LC/LC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-3M	3 Meter LC/LC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-5M	5 Meter LC/LC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-9M	9 Meter LC/LC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-10M	10 Meter LC/LC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-12M	12 Meter LC/LC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-15M	15 Meter LC/LC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-20M	20 Meter LC/LC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-30M	30 Meter LC/LC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-40M	40 Meter LC/LC Duplex Yellow Single Mode Fiber Cable



Note: Multi-Mode Options & Additional Lengths Available

### Single Mode Fiber Optic Patch Cables - LC to LC Simplex

PART#	DESCRIPTION
L3-LC/LC-S-Y-1M	1 Meter LC/LC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-2M	2 Meter LC/LC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-3M	3 Meter LC/LC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-5M	5 Meter LC/LC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-9M	9 Meter LC/LC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-10M	10 Meter LC/LC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-12M	12 Meter LC/LC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-15M	15 Meter LC/LC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-20M	20 Meter LC/LC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-30M	30 Meter LC/LC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-40M	40 Meter LC/LC Simplex Yellow Single Mode Fiber Cable



Note: Multi-Mode Options & Additional Lengths Available

## FIBER

### Fiber Optic Couplers



PART#	DESCRIPTION
L3-LC/LC-S-ADAPTER	Fiber Coupler, LC/LC Simplex Ceramic Sleeve Low Profile, No Flange
L3-LC/LC-D-ADAPTER	Fiber Coupler, LC/LC Duplex Ceramic Sleeve Low Profile, No Flange
L3-LCLC-DMCOUP	Fiber Coupler LC/LC Duplex with Flange for Multimode Fiber
L3-LCLC-DSCOUP	Fiber Coupler LC/LC Duplex with Flange for Single Mode Fiber

### Single Mode Fiber Optic Patch Cables - LC to SC Duplex



PART#	DESCRIPTION
L3-LC/SC-D-Y-1M	1 Meter LC/SC Duplex Yellow Single Mode Fiber Cable
L3-LC/SC-D-Y-2M	2 Meter LC/SC Duplex Yellow Single Mode Fiber Cable
L3-LC/SC-D-Y-3M	3 Meter LC/SC Duplex Yellow Single Mode Fiber Cable
L3-LC/SC-D-Y-5M	5 Meter LC/SC Duplex Yellow Single Mode Fiber Cable
L3-LC/SC-D-Y-9M	9 Meter LC/SC Duplex Yellow Single Mode Fiber Cable
L3-LC/SC-D-Y-10M	10 Meter LC/SC Duplex Yellow Single Mode Fiber Cable
L3-LC/SC-D-Y-12M	12 Meter LC/SC Duplex Yellow Single Mode Fiber Cable
L3-LC/SC-D-Y-15M	15 Meter LC/SC Duplex Yellow Single Mode Fiber Cable
L3-LC/SC-D-Y-20M	20 Meter LC/SC Duplex Yellow Single Mode Fiber Cable
L3-LC/SC-D-Y-30M	30 Meter LC/SC Duplex Yellow Single Mode Fiber Cable
L3-LC/LC-D-Y-40M	40 Meter LC/SC Duplex Yellow Single Mode Fiber Cable

Note: Multi-Mode Options & Additional Lengths Available

### Single Mode Fiber Optic Patch Cables - LC to SC Simplex



PART#	DESCRIPTION
L3-LC/SC-S-Y-1M	1 Meter LC/SC Simplex Yellow Single Mode Fiber Cable
L3-LC/SC-S-Y-2M	2 Meter LC/SC Simplex Yellow Single Mode Fiber Cable
L3-LC/SC-S-Y-3M	3 Meter LC/SC Simplex Yellow Single Mode Fiber Cable
L3-LC/SC-S-Y-5M	5 Meter LC/SC Simplex Yellow Single Mode Fiber Cable
L3-LC/SC-S-Y-9M	9 Meter LC/SC Simplex Yellow Single Mode Fiber Cable
L3-LC/SC-S-Y-10M	10 Meter LC/SC Simplex Yellow Single Mode Fiber Cable
L3-LC/SC-S-Y-12M	12 Meter LC/SC Simplex Yellow Single Mode Fiber Cable
L3-LC/SC-S-Y-15M	15 Meter LC/SC Simplex Yellow Single Mode Fiber Cable
L3-LC/SC-S-Y-20M	20 Meter LC/SC Simplex Yellow Single Mode Fiber Cable
L3-LC/SC-S-Y-30M	30 Meter LC/SC Simplex Yellow Single Mode Fiber Cable
L3-LC/LC-S-Y-40M	40 Meter LC/SC Simplex Yellow Single Mode Fiber Cable

Note: Multi-Mode Options & Additional Lengths Available

## FIBER JUMPERS

COMMSCOPE	ROSENBERGER	DESCRIPTION
FJ-2SM-015-5M	FB-L98B-035-5000	5 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-7.5M	FB-L98B-035-7500	7.5 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-10M	FB-L98B-035-10000	10 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-25M-015-15M	FB-L98B-035-15000	15 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-20M	FB-L98B-035-20000	20 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-35M	FB-L98B-035-35000	35 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-50M	FB-L98B-035-50000	50 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-75M	FB-L98B-035-75000	75 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-100M	FB-L98B-035-100000	100 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-125M	FB-L98B-035-125000	125 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-150M	FB-L98B-035-150000	150 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-175M	FB-L98B-035-175000	175 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-200M	FB-L98B-035-200000	200 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-250M	FB-L98B-035-250000	250 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex
FJ-2SM-015-300M	FB-L98B-035-300000	300 Meters, Fiber Jumpers, Outdoor, Duplex, LC Duplex, LC Duplex

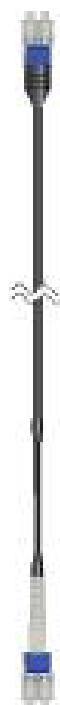
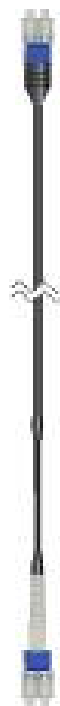
COMMSCOPE	ROSENBERGER	DESCRIPTION
FJ-4SM-008-1M	FB-L98B-056-1000	1 Meter, Fiber Jumpers, Indoor, 4 Fibers, LC with Black Boot, LC
FJ-4SM-008-5M	FB-L98B-056-5000	5 Meters, Fiber Jumpers, Indoor, 4 Fibers, LC with Black Boot, LC
FJ-4SM-008-7.5M	FB-L98B-056-7500	7.5 Meters, Fiber Jumper, Indoor, 4 Fibers, LC with Black Boot, LC
FJ-4SM-008-10M	FB-L98B-056-10000	10 Meters, Fiber Jumpers, Indoor, 4 Fibers, LC with Black Boot, LC
FJ-4SM-008-15M	FB-L98B-056-15000	15 Meters, Fiber Jumpers, Indoor, 4 Fibers, LC with Black Boot, LC
FJ-4SM-008-20M	FB-L98B-056-20000	20 Meters, Fiber Jumpers, Indoor, 4 Fibers, LC with Black Boot, LC
FJ-4SM-008-35M	FB-L98B-056-35000	35 Meters, Fiber Jumpers, Indoor, 4 Fibers, LC with Black Boot, LC
FJ-4SM-008-50M	FB-L98B-056-50000	50 Meters, Fiber Jumpers, Indoor, 4 Fibers, LC with Black Boot, LC
FJ-4SM-008-75M	FB-L98B-056-75000	75 Meters, Fiber Jumpers, Indoor, 4 Fibers, LC with Black Boot, LC

Note: Additional Lengths Available



## FIBER JUMPERS

## FIBER TRUNKS



PART#	DESCRIPTION
L3-FJ-2SM-015-1M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 1m
L3-FJ-2SM-015-2M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 2m
L3-FJ-2SM-015-3M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 3m
L3-FJ-2SM-015-5M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 5m
L3-FJ-2SM-015-7.5M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 7.5m
L3-FJ-2SM-015-10M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 10m
L3-FJ-2SM-015-15M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 15m
L3-FJ-2SM-015-20M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 20m
L3-FJ-2SM-015-35M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 35m
L3-FJ-2SM-015-50M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 50m
L3-FJ-2SM-015-75M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 75m
L3-FJ-2SM-015-100M	Ruggedized, Bend Insensitive Singlemode Fiber, DLC to DLC, 100m

Note: Additional Lengths Available

PART#	DESCRIPTION
L3-FJ-4SM-008-1M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 1m
L3-FJ-4SM-008-2M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 2m
L3-FJ-4SM-008-3M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 3m
L3-FJ-4SM-008-5M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 5m
L3-FJ-4SM-008-7.5M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 7.5m
L3-FJ-4SM-008-10M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 10m
L3-FJ-4SM-008-15M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 15m
L3-FJ-4SM-008-20M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 20m
L3-FJ-4SM-008-35M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 35m
L3-FJ-4SM-008-50M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 50m
L3-FJ-4SM-008-75M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 75m
L3-FJ-4SM-008-100M	Bend Insensitive Singlemode Fiber DLC to DLC 4-Fiber Distribution Cable, Riser Black Jacket, 100m

Note: Additional Lengths Available

COMMSCOPE	ROSENBERGER	DESCRIPTION
RFFT-36SM-001-15M	FB-L98B-034-15000	15 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-30M	FB-L98B-034-30000	30 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-50M	FB-L98B-034-50000	50 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-60M	FB-L98B-034-60000	60 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-75M	FB-L98B-034-75000	75 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-100M	FB-L98B-034-100000	100 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-125M	FB-L98B-034-125000	125 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-150M	FB-L98B-034-150000	150 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-175M	FB-L98B-034-175000	175 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-200M	FB-L98B-034-200000	200 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-250M	FB-L98B-034-250000	250 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers
RFFT-36SM-001-300M	FB-L98B-034-300000	300 Meters, Fiber Jumpers, Preconnect Trunk, 36 Fibers



COMMSCOPE	ROSENBERGER	DESCRIPTION
RFFT-48SM-001-30M	FB-L98B-235-30000	30 Meters, Fiber Jumpers, Preconnect Trunk, 48 Fibers
RFFT-48SM-001-50M	FB-L98B-235-50000	50 Meters, Fiber Jumpers, Preconnect Trunk, 48 Fibers
RFFT-48SM-001-60M	FB-L98B-235-60000	60 Meters, Fiber Jumpers, Preconnect Trunk, 48 Fibers
RFFT-48SM-001-75M	FB-L98B-235-75000	75 Meters, Fiber Jumpers, Preconnect Trunk, 48 Fibers
RFFT-48SM-001-100M	FB-L98B-235-100000	100 Meters, Fiber Jumpers, Preconnect Trunk, 48 Fibers
RFFT-48SM-001-125M	FB-L98B-235-125000	125 Meters, Fiber Jumpers, Preconnect Trunk, 48 Fibers
RFFT-48SM-001-150M	FB-L98B-235-150000	150 Meters, Fiber Jumpers, Preconnect Trunk, 48 Fibers



# PASSIVE DAS

Low PIM Adapters  
Attenuators  
Termination Loads



## LOW PIM ADAPTERS/ATTENUATORS

### 7/16 Low PIM Adapters

PART#	DESCRIPTION
L3-LPA-NF-DM	N Female to DIN Male Low PIM Adapter
L3-LPA-DF-DF	DIN Female to DIN Female Low PIM Adapter
L3-LPA-NM-NM	N Male to N Male Low PIM Adapter
L3-LPA-NF-NF	N Female to N Female Low PIM Adapter
L3-LPA-DM-NM	DIN Male to N Male Low PIM Adapter
L3-LPA-NM-DF	N Male to DIN Female Low PIM Adapter
L3-LPA-NF-DF	N Female to DIN Female Low PIM Adapter
L3-LPA-DM-DM	DIN Male to DIN Male Low PIM Adapter



### 4.3/10 Low PIM Adapters

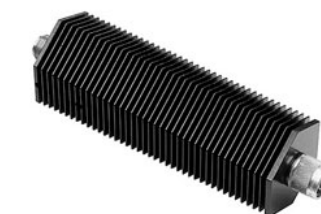
PART#	DESCRIPTION
L3-LPA-4.3M-4.3M	4.3/10 Male to 4.3/10 Male Low PIM Adapter
L3-LPA-4.3M-DM	4.3/10 Male to 7/16" DIN Male Low PIM Adapter
L3-LPA-4.3M-DF	4.3/10 Male to 7/16" DIN Female Low PIM Adapter
L3-LPA-4.3M-NM	4.3/10 Male to N Male Low PIM Adapter
L3-LPA-4.3M-NF	4.3/10 Male to N Female Low PIM Adapter
L3-LPA-4.3F-4.3M	4.3/10 Female to 4.3/10 Male Low PIM Adapter
L3-LPA-4.3F-4.3F	4.3/10 Female to 4.3/10 Female Low PIM Adapter
L3-LPA-4.3F-DM	4.3/10 Female to 7/16" DIN Male Low PIM Adapter
L3-LPA-4.3F-DF	4.3/10 Female to 7/16" DIN Female Low PIM Adapter
L3-LPA-4.3F-NM	4.3/10 Female to N Male Low PIM Adapter
L3-LPA-4.3F-NF	4.3/10 Female to N Female Low PIM Adapter



Note: Additional Types Available

### Attenuators

PART#	DESCRIPTION
L3-50-T-MN	50W Maximum Power Input (W), DC-4 GHZ, LOADS, N(M), DRY
L3-50-T-FN	150W Maximum Power Input (W), DC-2.4 GHZ, LOADS, N(F), DRY
L3-100-T-FN	100W Maximum Power Input (W), DC-2.4 GHZ, LOADS, N(F), DRY
L3-300-T-FN	300W Maximum Power Input (W), DC-1 GHZ, LOADS, N(F), DRY
L3-50-A-MFN-10	10 dB Attenuation (dB), 50W Maximum Power Input (W), DC-2.4 GHZ, Bi-Directional A
L3-10-A-MFN-20	20 dB Attenuation (dB), 10W Maximum Power Input (W), DC-4 GHZ, Bi-Directional ATT
L3-100-A-MFN-20	20 dB Attenuation (dB), 100W Maximum Power Input (W), DC-4 GHZ, Bi-Directional A



## TERMINATION LOADS

### Termination Loads - 4.3-10 Male

PART#	DESCRIPTION
L3-TL-4.3M-1W	4.3-10 1 Watt Termination Load 3Ghz
L3-TL-4.3M-2W	4.3-10 2 Watt Termination Load 3Ghz
L3-TL-4.3M-5W	4.3-10 5 Watt Termination Load 3Ghz
L3-TL-4.3M-10W	4.3-10 10 Watt Termination Load 3Ghz
L3-TL-4.3M-25W	4.3-10 25 Watt Termination Load 3Ghz
L3-TL-4.3M-50W	4.3-10 50 Watt Termination Load 3Ghz
L3-TL-4.3M-75W	4.3-10 75 Watt Termination Load 3Ghz
L3-TL-4.3M-100W	4.3-10 100 Watt Termination Load 3Ghz

### Termination Loads - DIN Male

PART#	DESCRIPTION
L3-TL-DM-1W	DIN Male 1 Watt Termination Load 3Ghz
L3-TL-DM-2W	DIN Male 2 Watt Termination Load 3Ghz
L3-TL-DM-5W	DIN Male 5 Watt Termination Load 3Ghz
L3-TL-DM-10W	DIN Male 10 Watt Termination Load 3Ghz
L3-TL-DM-25W	DIN Male 25 Watt Termination Load 3Ghz
L3-TL-DM-50W	DIN Male 50 Watt Termination Load 3Ghz
L3-TL-DM-75W	DIN Male 75 Watt Termination Load 3Ghz
L3-TL-DM-100W	DIN Male 100 Watt Termination Load 3Ghz

### Termination Loads - N Male

PART#	DESCRIPTION
L3-TL-NM-1W	N Male 1 Watt Termination Load 3Ghz
L3-TL-NM-2W	N Male 2 Watt Termination Load 3Ghz
L3-TL-NM-5W	N Male 5 Watt Termination Load 3Ghz
L3-TL-NM-10W	N Male 10 Watt Termination Load 3Ghz
L3-TL-NM-25W	N Male 25 Watt Termination Load 3Ghz
L3-TL-NM-50W	N Male 50 Watt Termination Load 3Ghz
L3-TL-NM-75W	N Male 75 Watt Termination Load 3Ghz
L3-TL-NM-100W	N Male 100 Watt Termination Load 3Ghz

# RET CABLE ACCESSORIES

## RET Cable Accessories



## RET CABLE ACCESSORIES



## RET Cables

L3 PART#	COMMSCOPE EQUIVALENTS	DESCRIPTION
L3-IRETC-0.5	ATCB-B01-C50	0.5m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-1.0	ATCB-B01-001	1m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-2.0	ATCB-B01-002	2m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-3.0	ATCB-B01-003	3m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-4.0	ATCB-B01-004	4m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-5.0	ATCB-B01-005	5m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-6.0	ATCB-B01-006	6m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-7.0	ATCB-B01-007	7m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-8.0	ATCB-B01-008	8m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-9.0	ATCB-B01-009	9m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-10	ATCB-B01-010	10m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-15	ATCB-B01-015	15m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-20	ATCB-B01-020	20m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-30	ATCB-B01-030	30m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-40	ATCB-B01-040	40m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-50	ATCB-B01-050	50m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-60	ATCB-B01-060	60m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-80	ATCB-B01-080	80m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-100	ATCB-B01-100	100m RET AISG 2.0 Cable Assembly, 8 Pin
L3-IRETC-200	ATCB-B01-200	200m RET AISG 2.0 Cable Assembly, 8 Pin

## RET Splitters

PART#	DESCRIPTION
L3-RETC-MFF-0-6	RET Y Splitter Male to (2) Female, 24" Overall Length

## RET Control

PART#	DESCRIPTION
PA-USB485-2	RFS Protocol Adapter RET AISG 2.0
ATC200-LITE-USB	CommScope Portable RET Controller
860-10046	Kathrein USA Inc. Portable Control Adapter



## TEST &amp; MEASUREMENT

RF Alignment &amp; Monitors

PIM Analyzers

PIM Accessories

PIM Hunting

RF Safety Monitors

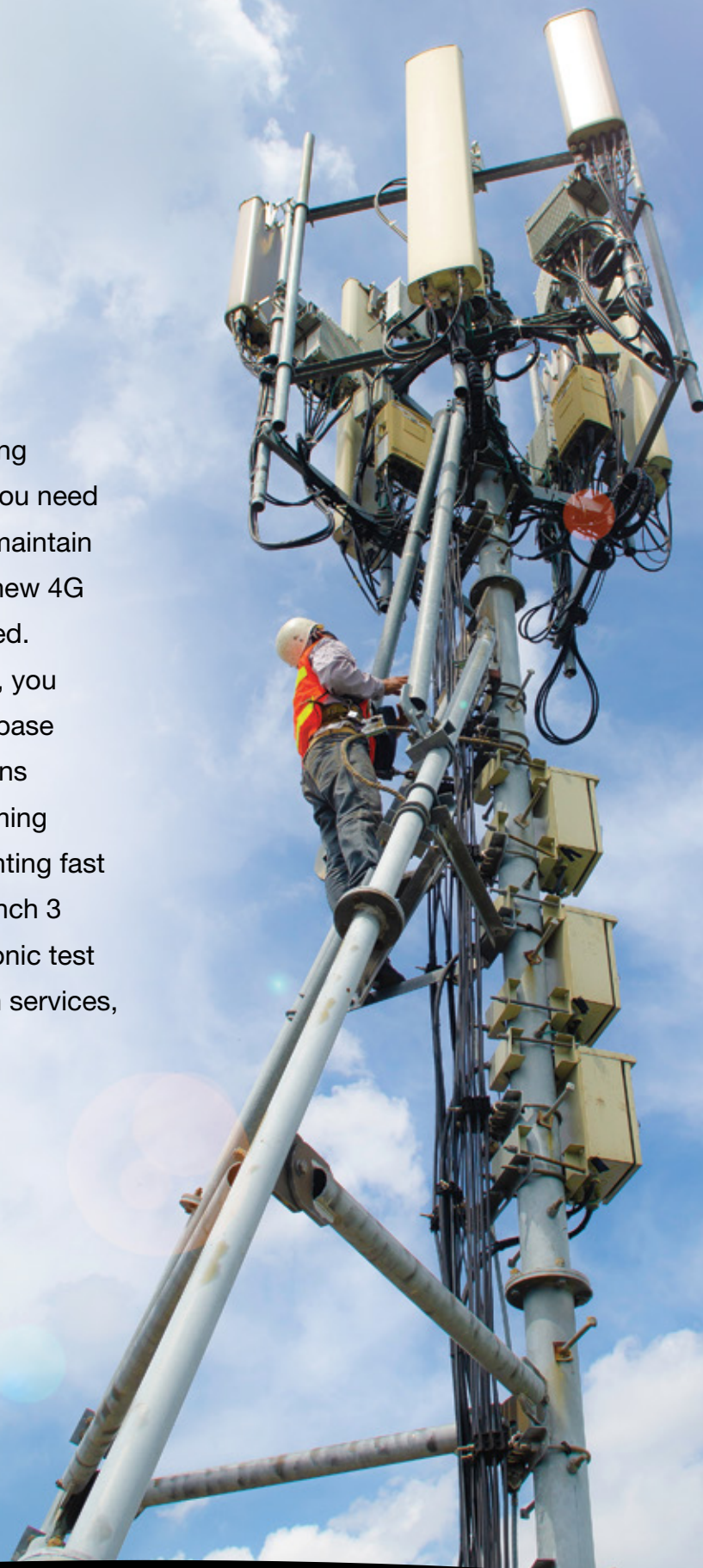
Fiber Testers

ODM Fiber Optic Cable Testers



## Testing Equipment

To keep up in today's rapidly evolving wireless communications market, you need tools that enable you to efficiently maintain legacy networks in addition to the new 4G and 5G networks now being installed. As the market continues to expand, you are being required to service more base stations than ever before. This means completing sweeps quickly, performing calibrations instantly, and implementing fast trace naming while in the field. Launch 3 Telecom provides a range of electronic test equipment and in-house calibration services, so you can test with confidence.



## RF ALIGNMENT & MONITORS

### 3Z-RFA-1000

#### Antenna Alignment Tool

The 3Z-RFA-1000 incorporates GPS Technology to calculate precise Azimuth, Tilt, Roll, and AGL measurements for a multitude of directional antenna systems.

#### ACCESSORIES INCLUDED:

L3-3Z-RFV-MPOD	Monopod
L3-USB-MACRO	Macro USB Cable
L3-3Z-RFA-SC	3Z-RFA-1000 Smart Charger
L3-3Z-RFA-BRK-STND	Universal Antenna Clamp Bracket
L3-3Z-RFA-HARD	Hard Case for 3Z-RFA-1000 Aligner
L3-3Z-RFA-SOFT	Soft Case for 3Z-RFA-1000
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available



### 3Z-RFV-2000

#### Antenna Alignment Tool

The 3Z-RFV-2000 RF Vision Antenna Alignment Tool replaces a compass, GPS, and range finder. This antenna alignment tool is effective and reliable to ensure that installers perform jobs as indicated on RF design specifications. Use the Vision Antenna Alignment Tool for accurate antenna alignment to prevent coverage gaps, network performance gradation, and loss of revenue.

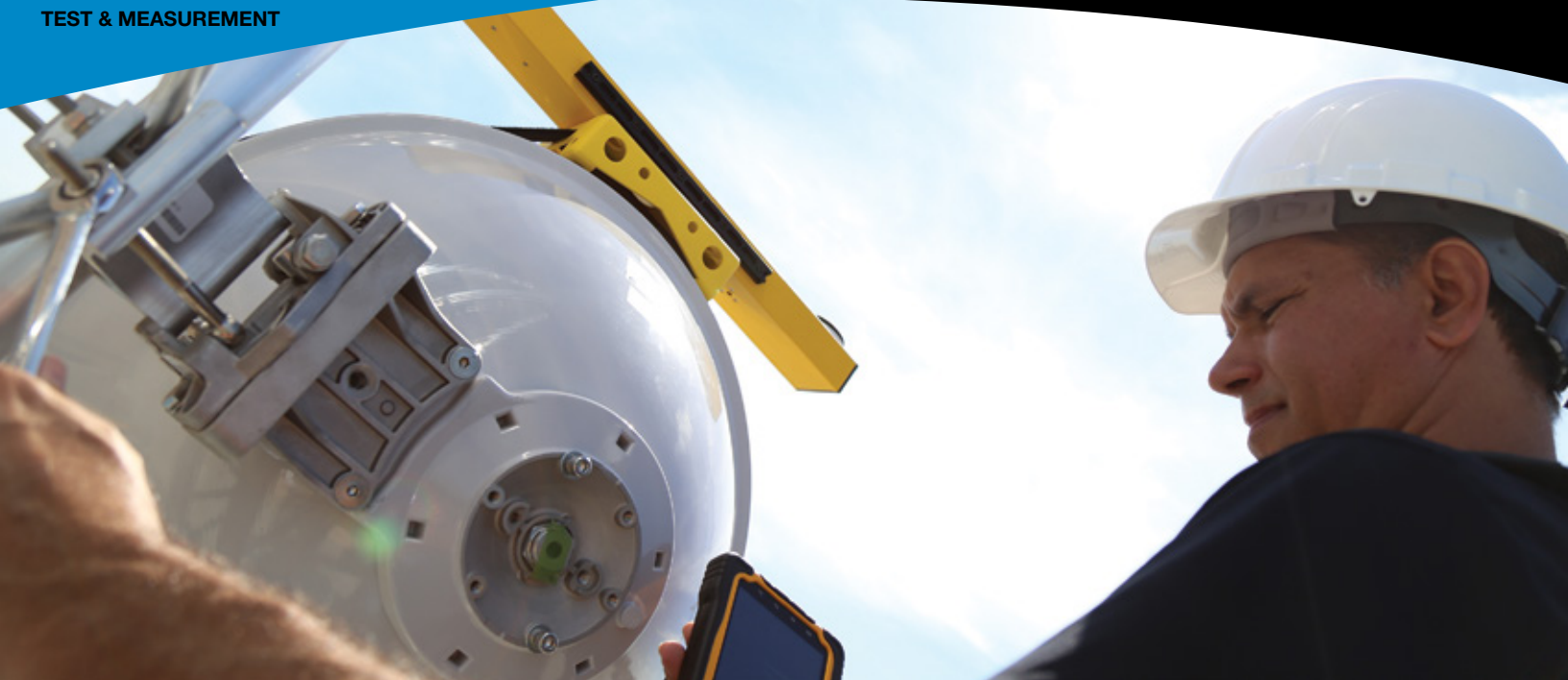
#### ACCESSORIES INCLUDED:

3Z-RFV-PWR-CHRG	Smart Charger
3Z-RFV-BRK-SC2F	Universal Antenna Strap Clamp, 2.5' Diameter with RF Vision
3Z-RFV-CSE-HARD	Hard Case for 3Z-RFV-2000 Aligner
3Z-RFV-BAG-SOFT	Soft Case for 3Z-RFV-2000
L3-POWERBANK	Power Bank

Note: Licensing Options Available

Screen Repair Service Available





## RF ALIGNMENT & MONITORS

### Sunsight AAT-30

#### Antenna Alignment Tool

With an industry leading accuracy of .3 degrees RMS in azimuth and .1 degree in Tilt and Roll, the AAT30 is the ideal product for traditional RF panel antenna alignment. The AAT30 is the smallest and lightest device of its kind in the market. Climbing with your AAT30 and using it on the tower is easier than ever before.

#### ACCESSORIES INCLUDED:

L3-AAT-SOFTCASE	AAT-30 Soft Case
L3-AAT-BRACKET	AAT-30 Bracket with Strap
L3-AAT-SC	Smart Charger
L3-POWERBANK	Power Bank



### Sunsight SS-T-BASE-1

#### Antenna Alignment Tool

The Classic AAT boasts an accuracy of .3 degrees RMS in azimuth and .25 degree in Tilt and Roll with original housing and onboard LCD screens.

#### ACCESSORIES INCLUDED:

L3-SS-T-HARDCASE	Hard Case
L3-SS-T-SC	Smart Charger
L3-SS-T-TOP	Top Mount
L3-SS-T-TOP-STRAP	Top Mount Strap
L3-SS-T-SIDE	Side Mount
L3-SS-T-SIDE-STRAP	Side Mount Strap
L3-POWERBANK	Power Bank



## PIM ANALYZERS

### Anritsu S331D

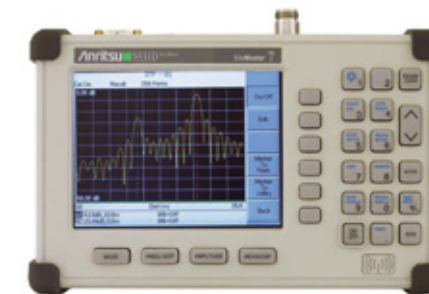
#### Site Master Cable and Antenna Analyzer

Site Master Handheld Cable and Antenna Analyzer Model S331D covers 25 MHz to 4000 MHz spectrum. Suited for field technicians of any experience level working with VHF, broadcasting, paging, cellular, PCS/GSM, 3G, ISM, WLAN and WLL applications.

#### ACCESSORIES INCLUDED:

L3-ANRITSU-PS	Power Supply for Sweep and PIM
L3-15NNF50-1.5C	Armored, 1.5 meters, DC to 6.0 GHz, N(m) - N(f), 50 Ohm (Phase Cable)
L3-RFA-4013	7/16 DIN Adapter Kit
L3-ANRITSU-SERIAL	Serial Cable for S331D and S332D
L3-ANRITSU-CASE-D/L	Soft Carrying Case for D and L Model Sweep Gear
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available



### Anritsu S332D

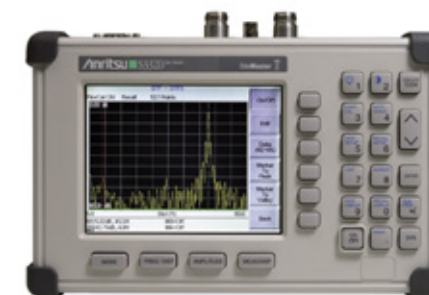
#### Site Master Cable and Antenna Analyzer

The S332D cable and antenna analyzer features spectrum analysis capability and optional power meter capability in addition to Return Loss/SWR and Cable Loss measurements, as well as Distance to Fault analysis using Frequency Domain Reflectometry. The S332D spectrum analysis ranges from 100 KHz to 3 GHz with smart button measurements.

#### ACCESSORIES INCLUDED:

L3-ANRITSU-PS	Power Supply for Sweep and PIM
L3-15NNF50-1.5C	Armored, 1.5 meters, DC to 6.0 GHz, N(m) - N(f), 50 Ohm (Phase Cable)
L3-RFA-4013	7/16 DIN Adapter Kit
L3-ANRITSU-SERIAL	Serial Cable for S331D and S332D
L3-ANRITSU-USB	Toolbox Software USB
L3-ANRITSU-CASE-D/L	Soft Carrying Case for D and L Model Sweep Gear
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available



### Anritsu S331E

#### Site Master Compact Handheld Cable & Antenna Analyzer

Designed to handle the most punishing field conditions, the S331E Site Master dramatically enhances your productivity and transforms the traditional fix-after-failure maintenance model to one that identifies and fixes problems before major failures occur. The CPRI/OBSAI RF option allows users to see the Uplink and Downlink signals via the optical CPRI/OBSAI link in a traditional RF Spectrum and Spectrogram view.

#### ACCESSORIES INCLUDED:

L3-ANRITSU-PS	Power Supply for Sweep and PIM
L3-RFA-4013	7/16 DIN Adapter Kit
L3-15NNF50-1.5C	Armored, 1.5 meters, DC to 6.0 GHz, N(m) - N(f), 50 Ohm (Phase Cable)
L3-ANRITSU-USB	Toolbox Software USB
L3-ANRITSU-CASE-E	Soft Carrying Case for E Model Sweep Gear
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available





## PIM ANALYZERS



### Anritsu S332E

#### Site Master Cable and Antenna Analyzer

Designed to handle the most punishing field conditions, the Site Master integrated cable and antenna analyzer and spectrum analyzer dramatically enhances your productivity and transforms the traditional fix-after-failure maintenance model to one that allows you to identify and address minor problems before they become major ones.

#### ACCESSORIES INCLUDED:

L3-ANRITSU-PS	Power Supply for Sweep and PIM
L3-RFA-4013	7/16 DIN Adapter Kit
L3-15NNF50-1.5C	Armored, 1.5 meters, DC to 6.0 GHz, N(m) - N(f), 50 Ohm (Phase Cable)
L3-ANRITSU-USB	Toolbox Software USB
L3-ANRITSU-CASE-E	Soft Carrying Case for E Model Sweep Gear
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available



### Anritsu S331L

#### Site Master Handheld Cable and Antenna Analyzer

Utilizing the latest advancements in technology, the S331L has been optimized for field conditions, is easy to use, and has efficient sweep management capabilities. The Site Master S331L is an all-inclusive 1-port cable and antenna analyzer covering the 2 MHz to 4 GHz range, with a built-in InstaCal™ module and a built-in power meter.

#### ACCESSORIES INCLUDED:

L3-ANRITSU-PS	Power Supply for Sweep and PIM
L3-RFA-4013	7/16 DIN Adapter Kit
L3-15NNF50-1.5C	Armored, 1.5 meters, DC to 6.0 GHz, N(m) - N(f), 50 Ohm (Phase Cable)
L3-ANRITSU-USB	Toolbox Software USB
L3-ANRITSU-CASE-D/L	Soft Carrying Case for D and L Model Sweep Gear
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available



### Anritsu S361E

#### Site Master Handheld Cable and Antenna Analyzer

Designed to handle the most punishing field conditions, the S361E Site Master Cable and Antenna Analyzer dramatically enhances your productivity and transforms the traditional fix-after-failure maintenance model to one that identifies and fixes problems before major failures occur. The CPRI/OBSAI RF option allows users to see the Uplink and Downlink signals via the optical CPRI/OBSAI link in a traditional RF Spectrum and Spectrogram view.

#### ACCESSORIES INCLUDED:

L3-ANRITSU-PS	Power Supply for Sweep and PIM
L3-RFA-4013	7/16 DIN Adapter Kit
L3-15NNF50-1.5C	Armored, 1.5 meters, DC to 6.0 GHz, N(m) - N(f), 50 Ohm (Phase Cable)
L3-ANRITSU-USB	Toolbox Software USB
L3-ANRITSU-CASE-E	Soft Carrying Case for E Model Sweep Gear
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available

## PIM ANALYZERS

### Anritsu S362E

#### Site Master Cable and Antenna Analyzer with Spectrum Analyzer

Designed to handle the most punishing field conditions, the S361E Site Master Cable and Antenna Analyzer dramatically enhances your productivity and transforms the traditional fix-after-failure maintenance model to one that identifies and fixes problems before major failures occur. The CPRI/OBSAI RF option allows users to see the Uplink and Downlink signals via the optical CPRI/OBSAI link in a traditional RF Spectrum and Spectrogram view.

#### ACCESSORIES INCLUDED:

L3-ANRITSU-PS	Power Supply for Sweep and PIM
L3-RFA-4013	7/16 DIN Adapter Kit
L3-15NNF50-1.5C	Armored, 1.5 meters, DC to 6.0 GHz, N(m) - N(f), 50 Ohm (Phase Cable)
L3-ANRITSU-USB	Toolbox Software USB
L3-ANRITSU-CASE-E	Soft Carrying Case for E Model Sweep Gear
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available



### Anritsu MW82119A Series

Battery-operated, high power Passive Intermodulation (PIM) testing solution. The MW82119A PIM test solution allows operators to adjust output power from +25 dBm (0.3 Watts) to +46 dBm (40 Watts).

MODEL	DESCRIPTION
MW82119A-0700	700 MHz
MW82119A-0850	850 MHz
MW82119A-0190	1900 - 2100 MHz
MW82119A-0193	1930 MHz

#### ACCESSORIES INCLUDED:

L3-DM-10W-LP	DIN Male 10-Watt Low PIM Load 6.5 GHz to 3 GHz
L3-DF-10W-LP	DIN Female 10-Watt Low PIM Load 6.5 GHz to 3 GHz
L3-ANRITSU-PS	Power Supply for Sweep and PIM
L3-ANRITSU-CAT5	CAT5 Cable for Anritsu MW82119 Series PIM Gear
L3-ANRITSU-PACK	Backpack for Accessories
L3-ANRITSU-UBC	UBC Flash Drive
L3-TQ-716	7/16 DIN Male Torque Wrench
L3-CRESCENT-WRENCH	10" Crescent Wrench
L3-PIM-STANDARD	PIM Standard for Anritsu MW82119 Series
L3-RFA-4013	7/16 DIN Adapter Kit
L3-ANRITSU-PIM-SOFT	Soft Carrying Case
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available



## PIM ANALYZERS



### Anritsu MW82119B Series

PIM Master MW82119B Battery-operated, High Power Portable, Passive Intermodulation Analyzer with optional Cable and Antenna Analyzer

The PIM Master™ B-series is a 40-Watt, battery-operated PIM Analyzer featuring Site Master™ line sweep capability. With the Site Master option included, the PIM Master can fully certify cable and antenna system performance, measuring PIM, Distance-to-PIM, Return Loss, VSWR, Cable Loss and Distance-to-Fault with a single test instrument.

MODEL	DESCRIPTION
MW82119B-0700	700 MHz
MW82119B-0850	850 MHz
MW82119B-0194	1900/2100 MHz
MW82119B-0210	2100 MHz

**ACCESSORIES INCLUDED:**

L3-DM-10W-LP	DIN Male 10-Watt Low PIM Load 6.5 GHz to 3 GHz
L3-DF-10W-LP	DIN Female 10-Watt Low PIM Load 6.5 GHz to 3 GHz
L3-ANRITSU-PS	Power Supply for Sweep and PIM
L3-ANRITSU-CAT5	CAT5 Cable for Anritsu MW82119 Series PIM Gear
L3-ANRITSU-PACK	Backpack for Accessories
L3-ANRITSU-UBC	UBC Flash Drive
L3-TQ-716	7/16 DIN Male Torque Wrench
L3-CRESCENT-WRENCH	10" Crescent Wrench
L3-PIM-STANDARD	PIM Standard for Anritsu MW82119 Series
L3-RFA-4013	7/16 DIN Adapter Kit
L3-ANRITSU-PIM-SOFT	Soft Carrying Case
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available

## PIM ANALYZERS

### iPA Series

The iPA Series Passive Intermodulation (PIM) analyzer is the first battery powered PIM Test Analyzer versatile enough to support multiple test scenarios such as testing at the top of the tower, base of tower, roof top and in-building for DAS systems. An intuitive touch screen interface is also available for local control, performing test and quickly generating site reports.

**Features:**

- Rugged and reliable; designed with tower climbers in mind
- Fully configurable frequencies, powers and IM products
- Remote control possible with handheld device, eg tablet, cell phone
- Simple to operate touch screen interface
- Extensive reporting capabilities
- Spectrum monitor, frequency sweep and time trace modes
- RTF compatible
- Battery powered
- Two models available A Series 0.1 to 20W, B Series 3mW to 20W

MODEL	DESCRIPTION	TX1 RANGE	TX2 RANGE	RX RANGE (PIM)
iPA-1921A	Dual Band	1930-1950MHz	1970-1990MHz	1850-1910MHz
iPA-0707A	700MHz	728-731.5MHz	741-764MHz	698-716MHz
iPA-0850A	850MHz	869MHz	879-894MHz	824-849MHz
iPA-0900A	GSM900	932.5-937.5MHz	949-960MHz	903-915MHz

**ACCESSORIES INCLUDED:**

L3-DF-10W-LP	DIN Female 10-Watt Low PIM Load 6.5 GHz to 3 GHz
R29-1979	Smart Chargers (1.2A) for 29.4V Li-ion/Polymer
R92-0287	Battery for iPA series PIM Instrument
R92-0443	Dual Battery Charging Cradle
L3-TQ-716	7/16 DIN Male Torque Wrench
L3-CRESCENT-WRENCH	10" Crescent Wrench
L3-RFA-4013	7/16 DIN Adapter Kit
R92-0445	Hard Case
L3-POWERBANK	Power Bank

Note: Screen Repair Service Available



## PIM ACCESSORIES



### IAK-0060A

#### Kaelus Accessory Kit

The Kaelus Accessory Kit is a Passive Intermodulation (PIM) premium test accessory kit that includes all of the necessary components required to validate test equipment operation and perform PIM testing on systems with 7-16 DIN and Type-N connectors. Reach maximum efficiency and safety in your test environment through the use of the Kaelus iPA Portable PIM Test Analyzer and Range to Fault (RTF) Technology. This Accessory kit completes your Kaelus PIM testing solution in any test environment from top of tower, base of tower, rooftop and in-building systems. The customized storage and carrying case is rugged enough for complete protection of the iPA and components when transporting or on site testing.

#### Features:

- Battery for iPA
- PIM source and low PIM load
- Rugged, portable construction

#### ACCESSORIES INCLUDED:

L3-DF-10W-LP	DIN Female 10-Watt Low PIM Load 6.5 GHz to 3 GHz
CSI-0001A	Passive Intermodulation (PIM) Source
R29-1979	Smart Chargers (1.2A) for 29.4V Li-ion/Polymer
R92-0287	Battery for iPA Series PIM Instrument
R92-0443	Dual Battery Charging Cradle
L3-TQ-716	7/16 DIN Male Torque Wrench
L3-CRESCENT-WRENCH	10" Crescent Wrench
L3-RFA-4013	7/16 DIN Adapter Kit
L3-POWERBANK	Power Bank

Note: Kit Contents is Subject to Change

### Kaelus RTF Series

Range To Fault (RTF) enables operators to accurately measure the location of PIM and Return Loss faults in their RF infrastructure. Reflection data together with PIM data provides an unmatched level of clarity for identifying the location of faults in the RF path. The RTF system consists of an RTF Module, interconnecting cables and an "RTF Enabled" iPA or iBA series PIM test instrument.

#### Features:

- Accurately identify the location of PIM and Return Loss faults in the RF path
- Simple to operate, highly intuitive touch screen user interface
- Overlay PIM and Return Loss vs. distance data for enhanced troubleshooting capability
- Quickly switch between different test modes without disconnecting the line under test
- Compatible with any "RTF Enabled" series PIM test instrument from Kaelus
- Speeds site repairs by guiding operators to the location of PIM faults
- Before PIM testing, the RTF Module performs a Return Loss safety check to warn the operator before transmitting high RF power into a poor match

MODEL	DESCRIPTION
RTF-1000A	Test Port Ranger Module, iPA/iQA Port
RTF-2000A	Range to Fault Module

#### ACCESSORIES INCLUDED:

L3-POWERBANK	Power Bank
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## PIM HUNTING

### L3-PIMPROBE

#### PIM Hunter™ Passive Intermodulation Probe

Launch 3's PIM test Probe is used with other test and measurement equipment to precisely locate external PIM sources in the field. Once PIM locations are identified, mitigation materials are available that can be applied to reduce the PIM levels and improve site performance. Please contact us today for all additional PIM Mitigation Materials.

#### Features:

- Pinpoint External PIM (outside the antenna system)
- PIM Hunter solution is a specialized antenna to identify intermodulation products from 600 to 2700 MHz



### PIM Blankets

PART#	DESCRIPTION
L3-PBLANKET-30X30	PIM Blanket; 30-IN x 30-IN
L3-PBLANKET-60X30	PIM Blanket; 60-IN x 30-IN
L3-PBLANKET-60X60	PIM Blanket; 60-IN x 60-IN
L3-PBLANKET-120X60	PIM Blanket; 120-IN x 60-IN



Launch3Direct.com



**CALIBRATION AND REPAIR**



- On Site Calibration
- Calibration FOR PIM Instruments iPA, ITA, IQA (B and C Series), iBA , SI E-Series & RTF instrument
- Short Turnaround Time
- Same Day Service Options
- Repairs: Battery Repair & Cradle Repair
- Software Updates
- Kaelus certified Certificate of Calibration (CoC)
- It is recommended that all Kaelus equipment be calibrated every 12 months to ensure operation at peak accuracy.

- On Site Calibration
- Short Turnaround Time
- Same Day Service Options
- Repairs: Battery Repair & Cradle Repair
- Software Updates
- Anritsu certified Certificate of Calibration (CoC)
- It is recommended that all Anritsu equipment be calibrated every 12 months to ensure operation at peak accuracy.

**Other Manufacturers We Calibrate and Repair:**



And many more!

**SCREEN REPAIR SERVICES AVAILABLE!**



## FIBER TESTERS

### Viavi VV-SMARTOTDR-E126A-PC/Z1

#### SmartOTDR Handheld Fiber Tester

The lightweight and compact SmartOTDR speeds and optimizes field testing of metro and access networks—with a tailored OTDR interface and automatic analysis that any technician can understand.

#### Benefits:

- Ensures fast and easy measurements
- One touch operation, automatic analysis, and tailored OTDR user interface for different skill level
- Manage data from anywhere in the network
- Several connectivity options (3G/4G smartphones via USB and optional Bluetooth/WiFi) enable remote control as well as data and work-order transfers to-and-from tablets, smartphones, and computers.
- Reduces cost of ownership
- Optimizes field operations
- Light, ultra-compact, hands-free design and an extended autonomy up to 20 hours
- Remotely coach and support field techs with Smart Access Anywhere (SAA) Applications
- Characterize point-to-point access & metro fiber networks
- Qualify and troubleshoot FTTH/PON networks
- Qualify and troubleshoot single mode FTTA/DAS front haul

#### Key Features:

- Single-/dual-/tri-wavelength versions with 1310, 1550, and in-service 1625 or 1650 nm wavelengths PON optimized to test through a 1x128 splitter
- Automated fiber inspection pass/fail analysis software
- Integrated CW light source on OTDR port
- Built-in optical power meter and VFL options
- Large 5-inch touch screen display

#### ACCESSORIES INCLUDED:

L3-ONECLICK-125MM	One Click Cleaning Pen 1.25mm LC/MU 800 Cleans
L3-LC/LC-S-ADAPTER	Fiber Coupler, LC/LC Simplex Ceramic Sleeve Low Profile, No Flange
L3-LAUNCH-LCSC OTDR	Launch Box Single Mode SC-UPC/LC-UPC

Note: Screen Repair Service Available



## RF SAFETY MONITORS

Personal RF monitors are worn on the body to alarm users when electromagnetic radiation levels become dangerous. Designed to be lightweight, wearable and highly accurate, personal RF safety monitors indicate the non-ionizing radiation level with LEDs; the unit vibrates and sets off an alarm to alert the wearer when the level of exposure to the electromagnetic field exceeds preset percentages of the safety limit. A more severe alarm generally sounds when levels exceed 100%.

Launch 3 offers a variety of Personal RF Safety Monitors to choose from:

MANUFACTURER	MODEL	DESCRIPTION
fieldSENSE	FS2.0	2.0 Personal RF Monitor
fieldSENSE	FS60	60GHz RF Monitor, 5G Ready
MVG	EME Guard XS	EME Guard XS 40GHz RF Monitor
Narda	NAR-2281-102	RadMan 2 XT RF Monitor



### T-BERD/MTS-2000

#### Handheld Modular Test Set

The T-BERD/MTS-2000 is a handheld modular test set for the installation, turn-up and maintenance of optical fibers across Enterprise, Metro and FTTH/Access point-to-point or point-to-multipoint networks (PONs).

#### Key Features:

- Large 5-inch touch screen display
- Test applications include OTDR, automatic IL/ORL, CWDM analyzer, selective PON power meter and connector inspection with IEC pass/fail analysis
- Built-in optical power meter, VFL and optical talk set options
- New generation lithium polymer (LiPo) battery for up to 8 hours operation
- Flexible connectivity with ethernet, USB, Bluetooth and Wi-Fi capabilities
- Special hands-free bag as standard
- Cross-compatibility with T-BERD/MTS-4000 Multiple Services Test Platform

#### ACCESSORIES INCLUDED:

L3-ONECLICK-125MM	One Click Cleaning Pen 1.25mm LC/MU 800 Cleans
L3-LC/LC-S-ADAPTER	Fiber Coupler, LC/LC Simplex Ceramic Sleeve Low Profile, No Flange
L3-LAUNCH-LCSC OTDR	Launch Box Single Mode SC-UPC/LC-UPC

Note: Screen Repair Service Available





## ODM Fiber Optic Cable Testers

ODM provides innovative fiber optic test equipment, delivering simple, affordable and scalable test solutions to technicians and contractors. ODM's unique design approach provides the user with the most cost-effective solution to their fiber optic testing requirements.

### ODM TTK-500

The ODM TTK 500 Test, Inspection & Cleaning Kit provides test technicians and contractors with high-end hardware and software to guarantee industry standard compliance in fiber optic-based telecommunications. The TTK 500 contains all equipment necessary to inspect, clean, and test fiber optic cables, while ODM's proprietary software allows for professional closeout reporting.

- USB connectivity and included ODM software package provide simple plug-and-play image-saving for closeout reporting.
- Comprehensive PASS/FAIL analysis compliant with IEC 61300-3-35 industry standard.
- Complete wet/dry cleaning system ensures the cleanest fiber endfaces possible.
- Optical Power Meter with archiving ability and streaming data via USB.
- Two included light sources provide telecom industry standard wavelengths for testing loss in single mode and multimode systems.
- Includes all patchcords, adapters for SC and LC connector systems.

KIT INCLUDES:	DESCRIPTION:
(1) DLS 350	Handheld Dual LED Light Source
(1) DLS 355	Dual Laser Light Source, Single Port, 1310 & 1550nm Output
(1) RP 460	Optical Power Meter
(1) VIS 300M	Video Inspection Scope with USB
(1) VIS 300B	VIS 300B Probe
(1) L3-ODM-PS	Power Supply for ODM VIS 300C and VIS 300M
(1) L3-ODM-LC-OPM	LC Adapter for ODM Optical Power Meter
(1) L3-LC/SC-S-Y-1M	1 Meter LC to SC Single Mode Simplex Yellow Fiber
(1) L3-LC/LC-S-Y-1M	1 Meter LC to LC Simplex Yellow Fiber Cable Single Mode
(1) L3-LC/SC-MM-S-O-1M	1 Meter LC to SC Multimode Simplex Orange Fiber
(1) L3-LC/LC-MM-S-O-1M	1 Meter LC to LC Multimode Simplex Orange Fiber
(1) L3-ODM-HARDCASE	Hard Case
(1) L3-ODM-SC-ADAP	SC Adapter for ODM Scope
(1) L3-ODM-LC-ADAP	LC Adapter for ODM Scope
(1) L3-ODM-1.25-ADAP	1.25mm Adapter for ODM Scope
(1) L3-ODM-2.5-ADAP	2.5mm Adapter for ODM Scope
(1) L3-ODM-2.5-ADAP4XX	2.5mm Universal Adapter for RP450 and RP 460 Power Meter Models
(1) L3-LCLC-LB	LC Fiber Optic Loopback Adapter - LC Single Mode 9/125 Fiber
(1) L3-SC/SC-S-ADAP	SC to SC Simplex Adapter
(1) L3-LCLC-DSCOUP-NF	Fiber Coupler LC/LC Duplex for Single Mode Fiber, No Flange
(1) L3-ONECLICK-125	One Click Cleaning Pen 1.25mm LC/MU 800 Cleans
(1) L3-USB	Macro USB Cable
(1) L3-POWERBANK	Power Bank



### ODM TTK-650

The ODM TTK 650 Test, Inspection and Cleaning Kit delivers powerful and portable fiber testing options at an affordable price. High-end hardware and software allows technicians to ensure industry-standard compliance with PASS/FAIL functionality for single mode fiber optic telecommunications systems. ODM's TTK 650 provides test technicians and contractors with high-end hardware and software to guarantee industry standard compliance in single mode fiber optic-based telecommunications. The TTK 650 contains all equipment necessary to inspect, clean, and test fiber optic cables, while ODM's proprietary software allows for professional closeout reporting.

#### Fiber Connector Inspection

- VIS 400 inspection scope connects to included 8" Dell tablet via USB
- Automated PASS/FAIL compliance with IEC 61300-3-35 standard
- Optional PA 250 wireless access device transmits test data to devices within 200 feet

#### Connector Cleaning

- Complete wet/dry cleaning system ensures compliance with industry standards for endface cleanliness

#### dB Loss Testing

- Optical Power Meter with archiving ability and streaming data via USB
- Laser light source provides standard wavelengths for testing single mode systems
- Loopback test jumpers and fiber module allow for loss testing in paired fiber systems, such as AT&T LTE, Sprint, and T-Mobile wireless builds.

KIT INCLUDES:	DESCRIPTION:
(1) L3-TABLET	8" Tablet with Charger
(1) L3-MICROUSB	Micro USB
(1) DLS 355	Dual Laser Light Source, Single Port, 1310 & 1550nm Output
(1) RP 460	Optical Power Meter
(1) VF 610	Visible Fault Locator
(1) VIS 400	Fiber Inspection Scope with USB
(1) L3-ODM-LC-OPM	LC Adapter for ODM Optical Power Meter
(1) L3-ODM-SC-ADAP	SC Adapter for ODM Scope
(1) L3-ODM-LC-ADAP	LC Adapter for ODM Scope
(1) L3-ODM-1.25-ADAP	1.25mm Adapter for ODM Scope
(1) L3-ODM-2.5-ADAP	2.5mm Adapter for ODM Scope
(1) L3-ODM-2.5-ADAP4XX	2.5mm Universal Adapter For RP450 and RP 460 Power Meter Models
(1) L3-LCLC-DSCOUP-NF	Fiber Coupler LC/LC Duplex for Single Mode Fiber, No Flange
(1) L3-SC/SC-S-ADAP	SC to SC Simplex Adapter
(1) L3-LC/SCLC-SD-Y-1M	SC Simplex-LC Simplex to LC Duplex Single Mode Test Cable
(1) L3-LCLC-LB	LC Fiber Optic Loopback Adapter - LC Single Mode 9/125 Fiber
(1) L3-ODM-HARDCASE	Hard Case
(1) L3-ONECLICK-125	One Click Cleaning Pen 1.25mm LC/MU 800 Cleans
(1) L3-SQR-PEN	SqR Pad with Fiber Wash Pen
(1) L3-POWERBANK	Power Bank





## ODM TTK-720

The TTK 720 kit provides test technicians and contractors with an all-in-one solution to their fiber optic testing needs. Built around the robust functionality of the VIS 300C-PM-02 platform, this kit ensures that fiber optic test results can be gathered and reported using simple, efficient processes.

- VIS 300C-PM-02-V test platform provides full control over all parameters for fiber endface inspection, insertion loss, and visual fault location tests.
- HD inspection scope with interchangeable inspection tips, analysis button, and ODM's unique external focus mechanism.
- Optical power meter with Germanium detector provides insertion loss (dB) and power level (dBm) results in simple PASS/FAIL format.
- 635nm red laser VFL for identification of excessive bends and breaks in SM fiber.

KIT INCLUDES:	DESCRIPTION:
(1) DLS 355	Dual Laser Light Source, Single Port, 1310 & 1550nm Output
(1) VIS 300C	Automated Field Inspection Scope
(1) VIS 400	Fiber Inspection Scope with USB
(1) L3-MICROUSB	Micro USB
(1) L3-ODM-LC-OPM	LC Adapter for ODM Optical Power Meter
(1) L3-LC/SCLC-SD-Y-1M	SC Simplex-LC Simplex to LC Duplex Single Mode Test Cable
(1) L3-ODM-LC60-ADAP	LC 60 Degree Angled Adapter for VIS Probes
(1) L3-ODM-SC-ADAP	SC Adapter for ODM Scope
(1) L3-ODM-LC-ADAP	LC Adapter for ODM Scope
(1) L3-ODM-1.25-ADAP	1.25mm Adapter for ODM Scope
(1) L3-ODM-2.5-ADAP	2.5mm Adapter for ODM Scope
(1) L3-ODM-HARDCASE	Hard Case
(1) L3-ONECLICK-125	One Click Cleaning Pen 1.25mm LC/MU 800 Cleans
(1) L3-SQR-PEN	SqR Pad with Fiber Wash Pen
(1) L3-LCLC-LB	LC Fiber Optic Loopback Adapter - LC Single Mode 9/125 Fiber
(1) L3-LCLC-DSCOUP-NF	Fiber Coupler LC/LC Duplex for Single Mode Fiber, No Flange
(1) L3-POWERBANK	Power Bank



# Stay Connected On The Go!

## Receive a **FREE** Launch 3 Power bank with Each Testing Equipment Purchase



Launch 3's Portable Charger Power Bank 2600mAh  
is Compact and Light in Weight So You Can  
Take it Everywhere

# CIRCUIT BREAKERS

Breakers  
SFP Optical Transceivers



## BREAKERS

### Circuit Breaker Kit

PART#	DESCRIPTION
CC109143855	Circuit Breaker Kit, NE-D, 1 Pole, 5 Amp
CC109143863	Circuit Breaker Kit, NE-D, 1 Pole, 10 Amp
CC109143871	Circuit Breaker Kit, NE-D, 1 Pole, 15 Amp
CC109143888	Circuit Breaker Kit, NE-D, 1 Pole, 20 Amp
CC109143896	Circuit Breaker Kit, NE-D, 1 Pole, 25 Amp
CC109142436	Circuit Breaker Kit, NE-D, 1 Pole, 30 Amp
CC109143905	Circuit Breaker Kit, NE-D, 1 Pole 40 Amp
CC109142444	Circuit Breaker Kit, NE-D, 1 Pole, 50 Amp
CC109142452	Circuit Breaker Kit, NE-D, 1 Pole, 100 Amp
CC109143797	Circuit Breaker Kit, NE-D, 1 Pole, 200 Amp
CC109142460	Circuit Breaker Kit, NE-D, 1 Pole, 250 Amp
CC109143822	Mounting Kit Assembly, NE-D, 2 Pole



### Circuit Breaker

#### 3-Pin, White Handle Bullet Breaker

PART#	CBI#	MODEL#	DESCRIPTION
102275	D2ALX20376	LELK1-1RS4-30452-10	Breaker 10A, Bullet, White Handle, 3 Pins, Unevenly Spaced with Alarm Strap; CT1-X0-18-722-A11-MG; E Only
102276	D2ALX20377	LELK1-1RS4-30452-15	Breaker 15A, Bullet, White Handle, 3 Pins, Unevenly Spaced with Alarm Strap; CT1-X0-18-723-A11-MG; E Only
102277	D2ALX20374	LELK1-1RS4-30452-20	Breaker 20A, Bullet, White Handle, 3 Pins, Unevenly Spaced with Alarm Strap; CT1-X0-18-724-A11-MG; E Only
102278	D2ALX20372	LELK1-1RS4-30452-25	Breaker 25A, Bullet, White Handle, 3 Pins, Unevenly Spaced with Alarm Strap; E Only
102279	D2ALX20373	LELK1-1RS4-30452-30	Breaker 30A, Bullet, White Handle, 3 Pins, Unevenly Spaced with Alarm Strap; CT1-X0-18-726-A11-MG; E Only
102281	D2ALX20375	LELK1-1RS4-30452-40	Breaker 40A, Bullet, White Handle, 3 Pins, Unevenly Spaced with Alarm Strap; CT1-X0-18-728-A11-MG; E Only
102282	D2ALX20371	LELK1-1RS4-30452-50	Breaker 50A, Bullet, White Handle, 3 Pins, Unevenly Spaced with Alarm Strap; CT1-X0-18-730-A11-MG; E Only
102283	D2ALX20378	LELK1-1RS4-30452-60	Breaker 60A, Bullet, White Handle, 3 Pins, Unevenly Spaced with Alarm Strap; CT1-X0-18-731-A11-MG; E Only
121996	D2ALX20379	LELK1-1RS4-30452-80	Breaker 80A, Bullet, White Handle, 3 Pins, Unevenly Spaced with Alarm Strap; Standard Trip; E Only
102286	D2ALX20380	LELK1-1RS4-30452-100	Breaker 100A, Bullet, White Handle, 3 Pins, Unevenly Spaced with Alarm Strap; CT1-X0-18-735-A11-MG; E Only
516993		LELHPK11-1RS4-30560-150	Breaker 150A, Bullet, White Handle, Double Pole, 2 Pins, Unevenly Spaced with Alarm Strap; Standard Trip
121831		CELHPK11-1RS4-32537-2	Breaker 200A, Bullet, White Handle, Double Pole, 3 Pins, Unevenly Spaced with Alarm Strap; E Only
121835			Circuit Breaker, Electrical, 1P(3), 250A, 80VDC, SPDT A



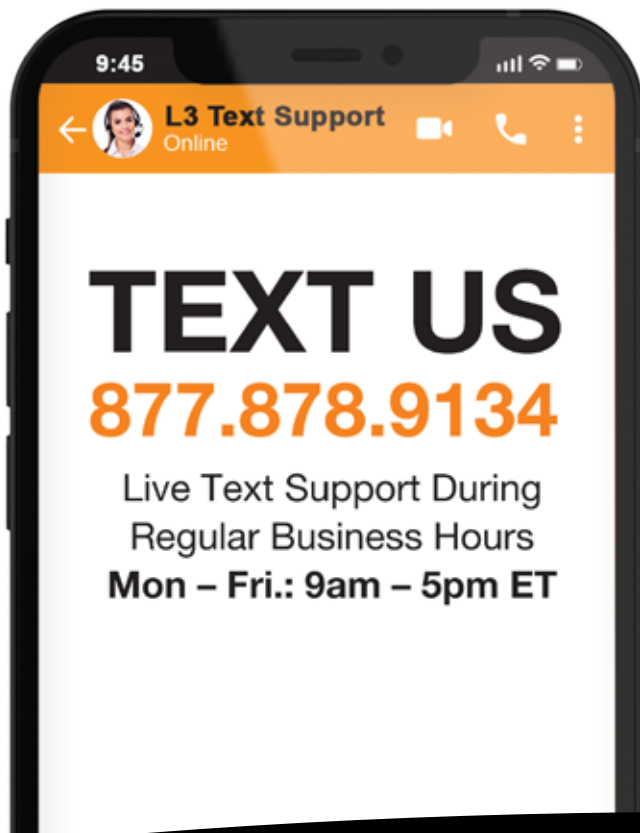
## BREAKERS



### Circuit Breaker

1-Pin, Black Handle Bullet Breaker

PART#	CBI#	MODEL#	DESCRIPTION
470-302-10	D2ALX20386	LMLB1-1RLS4R-36825-5-V	Argus Breaker: 5 Amp AM Breaker, Plug-In Type with Aux Switch
470-303-10	D2ALX20387	LMLB1-1RLS4R-36825-10-V	10A AM Breaker, Plug-In with Aux Switch Center Pin Only
470-304-10	D2ALX20388	LMLB1-1RLS4R-36825-15-V	15Amp AM Breaker, Plug-In Type with Aux Switch Center Pin Only
470-305-10	D2ALX20389	LMLB1-1RLS4R-36825-20-V	20 Amp Bullet Breaker
470-306-10	D2ALX20390	LMLB1-1RLS4R-36825-25-V	Breaker- Plug-In Bullet Type, 25A with Aux Switch, Argus 470
470-307-10	D2ALX20391	LMLB1-1RLS4R-36825-30-V	30 Amp Circuit Breaker , Bullet Style (Tripped)
470-309-10	D2ALX20392	LMLB1-1RLS4R-36825-40-V	40 Amp Breaker Plug-In Type, with Aux Switch
470-311-10	D2ALX20393	LMLB1-1RLS4R-36825-50-V	50 Amp Bullet Breaker (Mid Trip)
407-998-186	D2ALX20395	LMLK1-1RLS4-29877-6-V	20 Amp Bullet Breaker Black Toggle (Tripped)
407-998-194	D2ALX20396	LMLK1-1RLS4-29877-7-V	25 Amp Black Bullet Breaker, 1 Pin with Alarm Strap, Mid Trip



## SFP OPTICAL TRANSCEIVERS

### SFP Optical Transceivers - Ericsson

MANUFACTURER	PART#	DESCRIPTION
Ericsson	RDH 102 45/1	Optical Transceiver, 1GB-LX/CPRI 15Km
Ericsson	RDH 102 47/2	Optical Transceiver, 1000BASE-LX, 1310nm, 8Km, SM/MM
Ericsson	RDH 102 47/3	Optical Transceiver, 2.5G 1310nm 15Km
Ericsson	RDH 102 56/2	Optical Transceiver, 2 Tx1310/Rx1550nm
Ericsson	RDH 102 65/2	Optical Transceiver, SFP+, 10 GB/S, 1.45 Km,
Ericsson	RDH 102 65/3	Optical Transceiver, SFP+, DUPLEX LC, 10 GB/S CPRI 10Km 1310nm -40/+85C
Ericsson	RDH 102 65/25	Optical Transceiver, CPRI & 10GBASE-LR Lite VHT SFP+, 1310nm, -40/95C
Ericsson	RDH 102 75/2	Optical Transceiver, 25GBASE-LR Lite
Ericsson	RDH 102 75/3	Optical Transceiver, 25GBASE-LR 10Km SFP28

Note: Additional Types Available



### SFP Optical Transceivers - Nokia

MANUFACTURER	PART#	DESCRIPTION
Nokia	3HE04823AA	10GBASE-LR Single Mode SFP+ Transceiver Module (1310nm 10Km LC DOM)
Nokia	3HE04824AA	10GBase SR LC, 300 meters, 850nm SFP+ Transceiver.
Nokia	3HE00062CB	1000Base T RJ45, 100 meters, Copper Transceiver.
Nokia	3HE00027CA	1000Base SX LC, 550 meters, 850nm SFP Optical Transceiver
Nokia	3HE00028CA	1000Base LX LC, 10Km, 1310nm SFP Optical Transceiver.
Nokia	3HE11904AA	10/100/1000Base-TX SFP Optical Transceiver
Nokia	3HE11216AA	10GBase LR LC, 10Km, 1310nm SFP+ Transceiver.
Nokia	1AB410040001	10GBase SR LC, 300 meters, 850nm SFP+ Transceiver.
Nokia	1AB410060001	10GBase LR LC, 10Km, 1310nm SFP+ Transceiver.
Nokia	1AB429380001	6GBase ELR LC, 15Km. 1310nm, SPF+ Transceiver
Nokia	1AB410060002	OE-TR SFP+ 10GBE 15Km Transceiver
Nokia	1AB187280065	3G 15Km SFP S-16.1 / CPRI 1-4. S1.1.
Nokia	1AB187280063	Ethernet 1000BASE-SX Class 1 Laser SFP
Nokia	472948A.101	SFP+ 9.8G 1.4Km 1310nm
Nokia	472580A.101	SFP+ 6.144G 15Km 1310nm
Nokia	473471A.101	SFP+ 10.5Gb 300m 850nm
Nokia	473842A.101	SFP+ 9.8G 300m 850nm
Nokia	472949A.101	FOSP Optical SFP P 1310nm 9.8Gb 10Km SM
Nokia	474829A.101	AOSB QSFP28 10Km SM E-temp
Nokia	474335A.101	QSFP+ 40G 4x10G 10Km SM

Note: Additional Types Available



# STEEL COMPONENTS

Pipe & Attachment Hardware  
 Self Support  
 Monopole  
 Rooftop  
 Wave Guide Bridge



## PIPE & ATTACHMENT HARDWARE

### Schedule 40 Galvanized Pipe

Launch 3 provides custom cut-to-length Galvanized steel pipes to meet your exact requirements. Our experienced team of metal enthusiasts are available to assist with your custom project and will answer any questions you may have. We work with you as your project partner to provide the best steel casing solution for your job. Request a custom quote today!

PART#	DESCRIPTION
L3-PIPE-138X	Galvanized Plain End Pipe, SS-40, 1-3/8" OD X
L3-PIPE-158X	Galvanized Plain End Pipe, SS-40, 1-5/8" OD X
L3-PIPE-238X	Galvanized Plain End Pipe, SS-40, 2-3/8" OD X
L3-PIPE-278X	Galvanized Plain End Pipe, SS-40, 2-7/8" OD X
L3-PIPE-3X	Galvanized Plain End Pipe, SS-40, 3" OD X
L3-PIPE-312X	Galvanized Plain End Pipe, SS-40, 3-1/2" OD X
L3-PIPE-4X	Galvanized Plain End Pipe, SS-40, 4" OD X
L3-PIPE-412X	Galvanized Plain End Pipe, SS-40, 4-1/2" OD X

Note: Hot Dipped Galvanized Options Available



**ALL CUSTOM PIPE LENGTHS AVAILABLE**

### Base Shoe Pipe

PART#	DESCRIPTION
L3-PIPE312X10FT-BS	3.5" x 10' Galvanized Pipe with Base Shoe
L3-PIPE312X13FT-BS	3.5" x 13' Galvanized Pipe with Base Shoe



### Post Caps

PART#	DESCRIPTION
L3-FP-CAP-312	3-1/2" OD Galvanized Fence Post Cap
L3-FP-CAP-278	2-7/8" OD Galvanized Fence Post Cap



### Base Shoe Attachment

PART#	DESCRIPTION
L3-WB-BS2	Base Shoe for 2 3/8" Pipe, Includes Hardware
L3-WB-BS	Base Shoe for 3 1/2" Pipe, Includes Hardware



## PIPE & ATTACHMENT HARDWARE



### Crossover Angle

PART#	DESCRIPTION
L3-XA-2020	Pipe Crossover Angle, 2-3/8" OD to 2-3/8" OD
L3-XA-2030	Pipe Crossover Angle, 2.38 in to 2.88 in OD
L3-XA-U	Pipe Crossover Angle, 2"-3.5" OD to 2"-3.5" OD



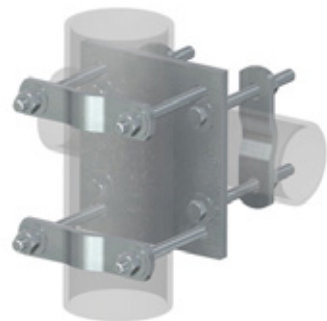
### Crossover Channel Brackets

PART#	DESCRIPTION
L3-XP-2030-HD	Crossover Pipe Mount Clamp for 2-3/8" to 3-1/2" OD Pipes
L3-XP-2530-HD	Crossover Pipe Mount Clamp for 2-7/8" to 3-1/2" OD Pipes
L3-XP-3030-HD	Crossover Pipe Mount Clamp for 3-1/2" to 3-1/2" OD Pipes



### Crossover Plates

PART#	DESCRIPTION
L3-CP-1545	Crossover Plate V Clamp Style 1 1/2"-4 1/2" OD and 1-1/2"-3-1/2" OD, Universal Crossover Plate
L3-CP-2020	Crossover Plate, Joins 2-3/8" to 2-3/8" OD
L3-CP-2025	Crossover Plate, Joins 2-3/8" to 2-7/8" OD
L3-CP-2030	Crossover Plate, Joins 2-3/8" to 3-1/2" OD
L3-CP-2525	Crossover Plate, Joins 2-7/8" to 2-7/8"
L3-CP-2530	Crossover Plate, Joins 2-7/8" to 3-1/2" OD
L3-CP-3030	Crossover Plate, Joins 3-1/2" to 3-1/2" OD
L3-CP-2040	Crossover Plate, Joins 2-3/8" to 4-1/2" OD
L3-CP-3040	Crossover Plate, Joins 3-1/2" to 4-1/2" OD



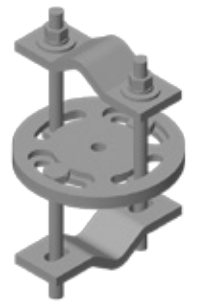
### Universal Crossover Plates

PART#	DESCRIPTION
L3-XP-100	Universal Crossover Plate, Will Clamp 2-3/8" - 2-7/8" Round Members
L3-XP-200	Universal Crossover Plate, Will Clamp 2"-5" Round Members
L3-XP-400	Universal Crossover Plate, Will Clamp 4"-8" Round Members

## PIPE & ATTACHMENT HARDWARE

### Round Connection Plate Kit

PART#	DESCRIPTION
L3-PUCK	Round Connection Plate Kit



### Pipe to Pipe Clamps

PART#	DESCRIPTION
L3-PC-20-10	Pipe-to-Pipe Clamp, Joins 1-1/2" to 3-1/2" OD Pipe, 1/2" x 10" Threaded Rod, Light Duty
L3-PC-30-10	Pipe-to-Pipe Clamp, Joins 1-1/2" to 3-1/2" OD Pipe, 1/2" x 10" Threaded Rod, Heavy Duty
L3-PC-35-12	Pipe-to-Pipe Clamp, Joins 2-3/8" to 5" OD Pipe, 5/8" x 12" Threaded Rod, Heavy Duty
L3-PC-35-14	Pipe-to-Pipe Clamp, Joins 2-3/8" to 5" OD Pipe, 5/8" x 14" Threaded Rod, Heavy Duty
L3-PC-35-18	Pipe-to-Pipe Clamp, Joins 2-3/8" to 5" OD Pipe, 5/8" x 18" Threaded Rod, Heavy Duty



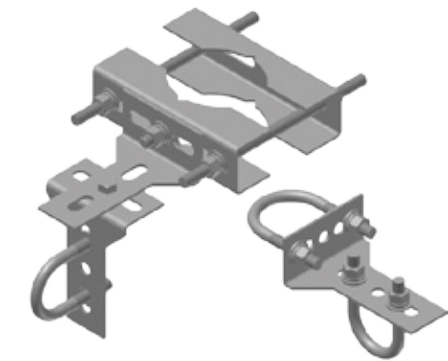
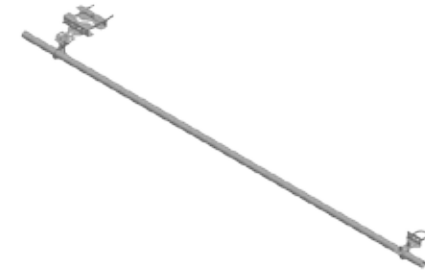
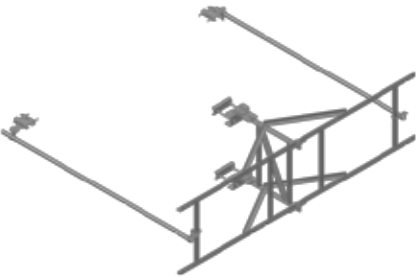
### Stand-Off Antenna Wall Mounts

PART#	DESCRIPTION
L3-SOWM-8	8" Stand-Off, Antenna Wall Mount for 2-3/8", 2-7/8" and 3-1/2" Pipe, U-Bolts Included
L3-SOWM-24	24" Stand-Off, Antenna Wall Mount for 2-3/8", 2-7/8" and 3-1/2" Pipe, U-Bolts Included
L3-SOWM-36	36" Stand-Off, Antenna Wall Mount for 2-3/8", 2-7/8" and 3-1/2" Pipe, U-Bolts Included



## SELF SUPPORT

### Folding Universal Boom Gates



PART#	DESCRIPTION
L3-BG-S10	Folding Universal Boom Gate, 10'-6" Face
L3-BG-S13	Folding Universal Boom Gate, 12'-6" Face

### Stiff Arm Kit

PART#	DESCRIPTION
L3-SA-M	Stiff Arm, 1-7/8" OD x 10'-6" with Mounting Hardware

### Stiff Arm Hardware

PART#	DESCRIPTION
L3-SA-M-HK	Stiff Arm Mounting Hardware Kit, for 1-7/8" Stiff Arm
L3-SA-M-UKD	Stiff Arm Yolk Style Hardware Kit, for 1-7/8" Stiff Arm
L3-SA-B	Stiff Arm Mount Bracket for 2-3/8 in OD Pipe
L3-SA-BU	Stiff Arm Bracket for 1-1/4 in to 3-1/2 in OD Pipe

### Light, Medium & Heavy Duty Single Antenna Stand-Off Mounts

PART#	DESCRIPTION
L3-ASO-36-LD	Light Duty Stand-Off Antenna Mount, 36" with 1-7/8" OD x 38" Antenna Mounting Pipe
L3-ASO-48-LD	Light Duty Stand-Off Antenna Mount, 48" with 1-7/8" OD x 38" Antenna Mounting Pipe
L3-ASO-72-LD	Light Duty Stand-Off Antenna Mount, 72" with 1-7/8" OD x 42" Antenna Mounting Pipe
L3-ASO-36-MD	Medium Duty Stand-Off Antenna Mount, 36" with 2-3/8" OD x 38" Antenna Mounting Pipe
L3-ASO-48-MD	Medium Duty Stand-Off Antenna Mount, 48" with 2-3/8" OD x 38" Antenna Mounting Pipe
L3-ASO-72-MD	Medium Duty Stand-Off Antenna Mount, 72" with 2-3/8" OD x 42" Antenna Mounting Pipe
L3-ASO-36-HD	Heavy Duty Stand-Off Antenna Mount, 36" with 2-7/8" OD x 38" Antenna Mounting Pipe
L3-ASO-48-HD	Heavy Duty Stand-Off Antenna Mount, 48" with 2-7/8" OD x 38" Antenna Mounting Pipe
L3-ASO-72-HD	Heavy Duty Stand-Off Antenna Mount, 72" with 2-7/8" OD x 42" Antenna Mounting Pipe

## SELF SUPPORT

### Single Antenna Stand Off Mounts

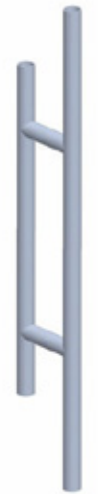
PART#	DESCRIPTION
L3-ASO-12-72	Antenna Stand-Off Mount, 12" with 2-3/8" OD x 72" Antenna Mounting Pipe
L3-ASO-24-24	Antenna Stand-Off Mount, 24" with 2-3/8" OD x 24" Antenna Mounting Pipe
L3-ASO-24-36	Antenna Stand-Off Mount, 24" with 2-3/8" OD x 36" Antenna Mounting Pipe
L3-ASO-24-48	Antenna Stand-Off Mount, 24" with 2-3/8" OD x 48" Antenna Mounting Pipe
L3-ASO-24-72	Antenna Stand-Off Mount, 24" with 2-3/8" OD x 72" Antenna Mounting Pipe
L3-ASO-36-72	Antenna Stand-Off Mount, 36" with 2-3/8" OD x 72" Antenna Mounting Pipe

### Universal Sliding Pipe Mount Kit

PART#	DESCRIPTION
L3-PM-SU-B	Universal Sliding Pipe Mount Kit, Pipe & U-Bolts Not Included
L3-PM-SU2-B	Universal Sliding Pipe Mount Kit with 1/2" x 2-1/2" x 4" U-Bolts
L3-PM-SU3-B	Universal Sliding Pipe Mount Kit with 1/2" x 3-5/8" x 5" U-Bolts
L3-PM-SU4-B	Universal Sliding Pipe Mount Kit with 1/2" x 4-5/8" x 6" U-Bolts
L3-PML-SU-B	Universal Sliding Pipe Mount Kit, Fits up to 16" OD or 12" Angle Members, Pipe & U-Bolts Not Included
L3-PML-SU4-B	Universal Sliding Pipe Mount Kit, Fits up to 16" OD or 12" Angle Members, with 1/2" x 4-5/8" x 6" U-Bolts

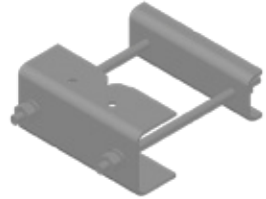
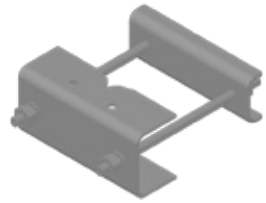
### Adjustable Taper Pipe Mounts

PART#	DESCRIPTION
L3-PMAT-60	Pipe Mount, Adjustable Taper, 4-1/2" OD x 60", Fits 2" - 6-5/8" OD or 2-1/2" - 4-1/2" Angle Tower Member
L3-PMAT-60U	Pipe Mount, Adjustable Taper, 4-1/2" OD x 60", Fits 2" - 12" OD or 2-1/2" - 8" Angle Tower Member



## SELF SUPPORT

## SELF SUPPORT



### Universal Tower Leg Mounts

PART#	DESCRIPTION
L3-SMU-2080	Universal Leg Attachment, up to 8.625" Leg
L3-SMU-2016	Universal Leg Attachment, up to 16" Leg



### RRU Mounts

PART#	DESCRIPTION
L3-RRU-DSM	Dual Swivel RRU Mount, Holds 2 RRU's
L3-RRH-TBHD	HD RRU Mount up to 14" OD Leg, for 4 RRU



### Cable Ladder Rungs

PART#	DESCRIPTION
L3-LR04	4 Hole Waveguide Ladder Rung
L3-LR06	6 Hole Waveguide Ladder Rung
L3-LR09	9 Hole Waveguide Ladder Rung
L3-LR12	12 Hole Waveguide Ladder Rung

### T-Line Brackets - Single Face

PART#	DESCRIPTION
L3-TL-SFB15	T-Line Bracket Single Face 1" – 5" Leg
L3-TL-SFB610	T-Line Bracket Single Face 6" – 10" Leg



### T-Line Brackets - Dual Sided

PART#	DESCRIPTION
L3-TL-TB15	T-Line Bracket Dual Sided 1" – 5" Leg
L3-TL-TB610	T-Line Bracket Dual Sided 6" – 10" Leg

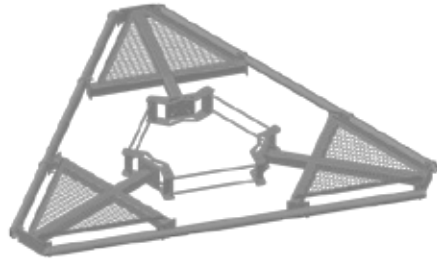


### Z-Brackets

PART#	DESCRIPTION
L3-ZB4	11" Z-Bracket, 7 Holes
L3-ZB8	23" Z-Bracket, 14 Holes
L3-ZB12	35" Z-Bracket, 22 Holes

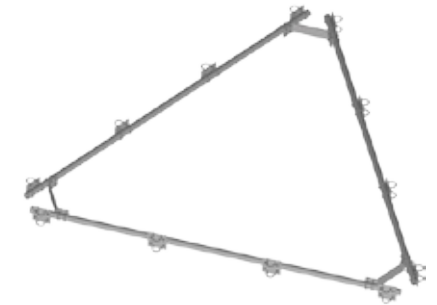


## MONOPOLE



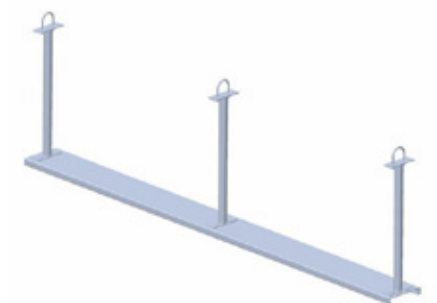
### Low-Profile Co-Lo Platform Kit

PART#	DESCRIPTION
L3-LPCP-12	Low Profile Platform Kit with 12'-6" Face
L3-LPCP-14	Low Profile Platform Kit with 14'-6" Face



### Platform Handrail Kit

PART#	DESCRIPTION
L3-PHK-12	12' Platform Handrail Kit
L3-PHK-14	14' Platform Handrail Kit
L3-PHH-KIT	Platform Handrail Hardware Kit
L3-HRK-12	Hand Rail Angle Corner Plate



### Work Platforms

PART#	DESCRIPTION
L3-WP-3	Work Platform 3' Long
L3-WP-4	Work Platform 4' Long
L3-WP-5	Work Platform 5' Long
L3-WP-10	Work Platform 10' Long
L3-WP-12	Work Platform 12' Long

## MONOPOLE

### Ring Mounts

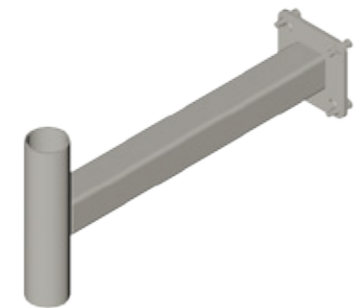
PART#	DESCRIPTION
L3-RM-1045-3	Universal Ring Mount for 10" - 45" OD Monopole, 3 Sector
L3-RM-3060-3	Universal Ring Mount for 30" - 50" OD Monopole, 3 Sector

Note: Ask About Our 4-Sector Ring Mount & Our Lightweight 3-Sector Ring Mount



### Ring Mount T-Arms

PART#	DESCRIPTION
L3-RM-A-12	Ring Mount Stand-Off Arm, 12" Long, with 4-1/2" OD x 18" Pipe
L3-RM-A-18	Ring Mount Stand-Off Arm, 18" Long, with 4-1/2" OD x 18" Pipe
L3-RM-A-24	Ring Mount Stand-Off Arm, 24" Long, with 4-1/2" OD x 18" Pipe
L3-RM-A-48	Ring Mount Stand-Off Arm, 48" Long, with 4-1/2" OD x 18" Pipe



### Cable Support

PART#	DESCRIPTION
L3-RM-USGB-3	Universal Support Bracket 3 Hole
L3-RM-USGB-6	Universal Support Bracket 6 Hole



## ROOFTOP

### GPS Mounts

PART#	DESCRIPTION
L3-GPSWM-U	GPS Bracket Weldment 1 1/4" Diameter, Non Threaded
L3-GPSWM-T	GPS Antenna Wall Mount, 1.05" OD x 48", Threaded

### Roof-Top Non-Penetrating Antenna Frame

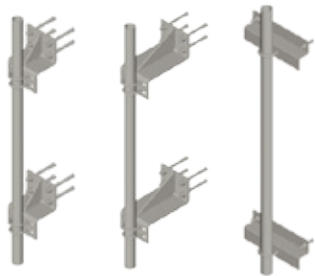
PART#	DESCRIPTION
L3-RT-NPF-7	Roof Frame, Non-Penetrating, 7'-0" Wide, Frame Only
L3-RT-NPF-10	Roof Frame, Non-Penetrating, 10'-6" Wide, Frame Only
L3-RT-NPF-12	Roof Frame, Non-Penetrating, 12'-6" Wide, Frame Only
L3-RT-NPF-14	Roof Frame, Non-Penetrating, 14'-6" Wide, Frame Only
L3-RT-NPF-RRU	Add on Rear RRU Support Frame
L3-RTPF-12	12' Rooftop Pipe Frame, Roof Protection Mat Ordered Separately

### Wall Mounts

PART#	DESCRIPTION
L3-HD-SWM	Slider Bracket Wall Mounts (for 3-1/2" - 4-1/2" OD Pipe); Kit of 2, Hardware & U-bolts Included

### Tripods

PART#	DESCRIPTION
L3-RTM-U-238	Universal Rooftop Tripod Mount for 2-3/8" OD Pipes
L3-RTM-U-412	Universal Rooftop Tripod Mount for 4-1/2" OD Pipes



## ROOFTOP

### RRU Mounts

PART#	DESCRIPTION
L3-NPRM-RRU5	Non-Penetrating RRU Mount, 5' Long
L3-RRTFS	RRU Roof Mount, Non-Penetrating, 42" Face x 36" Wide x 48" Tall, No Pipe

### PVC Sleepers

PART#	DESCRIPTION
L3-PVCRS-B72	PVC Roof Sleeper - Blank
L3-PVCRS-4	PVC Roof Sleeper - 4 Runs
L3-PVCRS-8	PVC Roof Sleeper - 8 Runs
L3-PVCRS-12	PVC Roof Sleeper - 12 Runs

### Rubber Mats

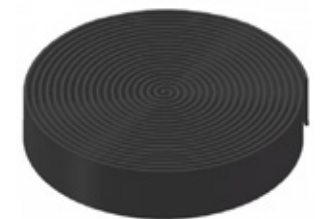
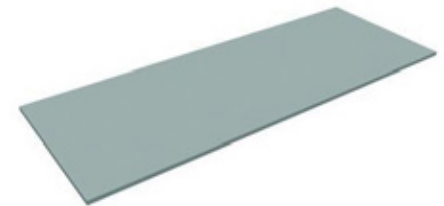
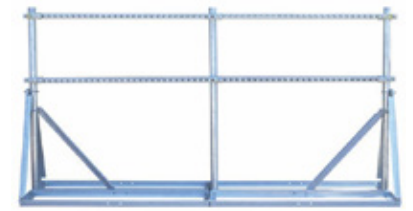
PART#	DESCRIPTION
L3-RM-1820	Rubber Mat 1/2" x 18" x 20"
L3-RM-1848	Rubber Mat 1/2" x 18" x 48"

### Rubber Pads

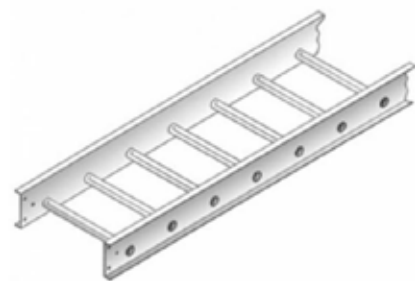
PART#	DESCRIPTION
L3-RP4-14-10	Rubber Sleeper Pad, 4" x 1/4" x 10ft Roll
L3-RP8-14-10	Rubber Sleeper Pad, 8" x 1/4" x 10ft Roll
L3-RP4-14-50	Rubber Sleeper Pad, 4" x 1/4" x 50ft Roll
L3-RP4-18-50	Rubber Sleeper Pad, 4" x 1/8" x 50ft Roll

### Roof Top Sleepers

PART#	DESCRIPTION
L3-DB10	Roof Top Sleeper 5" x 10" 500 lbs Load Rating
L3-DB20	Roof Top Sleeper 5" x 20" 1000 lbs Load Rating



## ROOFTOP



### Straight Aluminum Ladder Trays

PART#	DESCRIPTION
L3-CT-6	Straight Aluminum Cable Tray Ladder, 4" Depth x 6" Width x 12' Long
L3-CT-12	Straight Aluminum Cable Tray Ladder, 4" Depth x 12" Width x 12' Long
L3-CT-18	Straight Aluminum Cable Tray Ladder, 4" Depth x 18" Width x 12' Long
L3-CT-24	Straight Aluminum Cable Tray Ladder, 4" Depth x 24" Width x 12' Long

Note: Additional Sizes Available



### Straight Aluminum Ladder Covers

PART#	DESCRIPTION
L3-CT-6-C	Straight Aluminum Cable Tray Ladder Cover, 6" Width x 12' Long
L3-CT-12-C	Straight Aluminum Cable Tray Ladder Cover, 12" Width x 12' Long
L3-CT-18-C	Straight Aluminum Cable Tray Ladder Cover, 18" Width x 12' Long
L3-CT-24-C	Straight Aluminum Cable Tray Ladder Cover, 14" Width x 12' Long

Note: Additional Sizes Available



### Aluminum Ladder Tray T-Junctions

PART#	DESCRIPTION
L3-CT-6-TJ	T-Junction Aluminum Cable Tray Ladder, 4" Depth x 6" Width
L3-CT-12-TJ	T-Junction Aluminum Cable Tray Ladder, 4" Depth x 12" Width
L3-CT-18-TJ	T-Junction Aluminum Cable Tray Ladder, 4" Depth x 18" Width
L3-CT-24-TJ	T-Junction Aluminum Cable Tray Ladder, 4" Depth x 24" Width

Note: Additional Sizes Available



### Aluminum Ladder Tray T-Junction Covers

PART#	DESCRIPTION
L3-CT-6-TJC	T-Junction Aluminum Cable Tray Ladder Cover, 6" Width
L3-CT-12-TJC	T-Junction Aluminum Cable Tray Ladder Cover, 12" Width
L3-CT-18-TJC	T-Junction Aluminum Cable Tray Ladder Cover, 18" Width
L3-CT-24-TJC	T-Junction Aluminum Cable Tray Ladder Cover, 24" Width

Note: Additional Sizes Available

## ROOFTOP

### Aluminum 45° Horizontal Bends

PART#	DESCRIPTION
L3-CT-6-45	45° Horizontal Bend Aluminum Cable Tray Ladder, 4" Depth x 6" Width
L3-CT-12-45	45° Horizontal Bend Aluminum Cable Tray Ladder, 4" Depth x 12" Width
L3-CT-18-45	45° Horizontal Bend Aluminum Cable Tray Ladder, 4" Depth x 18" Width
L3-CT-24-45	45° Horizontal Bend Aluminum Cable Tray Ladder, 4" Depth x 24" Width

Note: Additional Sizes Available



### Aluminum 45° Horizontal Covers

PART#	DESCRIPTION
L3-CT-6-45C	45° Horizontal Bend Aluminum Cable Tray Ladder Cover, 6" Width
L3-CT-12-45C	45° Horizontal Bend Aluminum Cable Tray Ladder Cover, 12" Width
L3-CT-18-45C	45° Horizontal Bend Aluminum Cable Tray Ladder Cover, 18" Width
L3-CT-24-45C	45° Horizontal Bend Aluminum Cable Tray Ladder Cover, 24" Width

Note: Additional Sizes Available



### Aluminum 90° Horizontal Bends

PART#	DESCRIPTION
L3-CT-6-90	90° Horizontal Bend Aluminum Cable Tray Ladder, 4" Depth x 6" Width
L3-CT-12-90	90° Horizontal Bend Aluminum Cable Tray Ladder, 4" Depth x 12" Width
L3-CT-18-90	90° Horizontal Bend Aluminum Cable Tray Ladder, 4" Depth x 18" Width
L3-CT-24-90	90° Horizontal Bend Aluminum Cable Tray Ladder, 4" Depth x 24" Width

Note: Additional Sizes Available



### Aluminum 90° Horizontal Covers

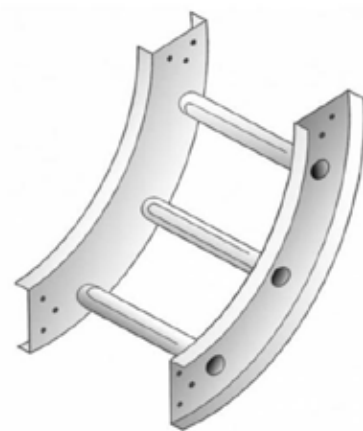
PART#	DESCRIPTION
L3-CT-6-90C	90° Horizontal Bend Aluminum Cable Tray Ladder Cover, 6" Width
L3-CT-12-90C	90° Horizontal Bend Aluminum Cable Tray Ladder Cover, 12" Width
L3-CT-18-90C	90° Horizontal Bend Aluminum Cable Tray Ladder Cover, 18" Width
L3-CT-24-90C	90° Horizontal Bend Aluminum Cable Tray Ladder Cover, 24" Width

Note: Additional Sizes Available





## ROOFTOP



### Aluminum 90° Inside Vertical Risers

PART#	DESCRIPTION
L3-CT-6-VIR	90° Vertical Inside Riser Aluminum Cable Tray Ladder, 4" Depth x 6" Width
L3-CT-12-VIR	90° Vertical Inside Riser Aluminum Cable Tray Ladder, 4" Depth x 12" Width
L3-CT-18-VIR	90° Vertical Inside Riser Aluminum Cable Tray Ladder, 4" Depth x 18" Width
L3-CT-24-VIR	90° Vertical Inside Riser Aluminum Cable Tray Ladder, 4" Depth x 24" Width

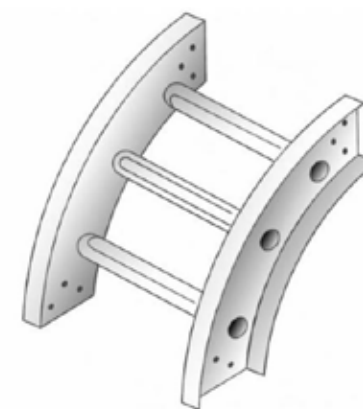
Note: Additional Sizes Available



### Aluminum 90° Inside Vertical Covers

PART#	DESCRIPTION
L3-CT-6-VIRC	90° Vertical Inside Riser Aluminum Cable Tray Ladder Cover, 6" Width
L3-CT-12-VIRC	90° Vertical Inside Riser Aluminum Cable Tray Ladder Cover, 12" Width
L3-CT-18-VIRC	90° Vertical Inside Riser Aluminum Cable Tray Ladder Cover, 18" Width
L3-CT-24-VIRC	90° Vertical Inside Riser Aluminum Cable Tray Ladder Cover, 24" Width

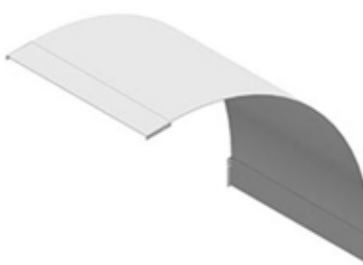
Note: Additional Sizes Available



### Aluminum Outside Vertical Risers

PART#	DESCRIPTION
L3-CT-6-VOR	90° Vertical Outside Riser Aluminum Cable Tray Ladder, 4" Depth x 6" Width
L3-CT-12-VOR	90° Vertical Outside Riser Aluminum Cable Tray Ladder, 4" Depth x 12" Width
L3-CT-18-VOR	90° Vertical Outside Riser Aluminum Cable Tray Ladder, 4" Depth x 18" Width
L3-CT-24-VOR	90° Vertical Outside Riser Aluminum Cable Tray Ladder, 4" Depth x 24" Width

Note: Additional Sizes Available



### Aluminum Outside Vertical Covers

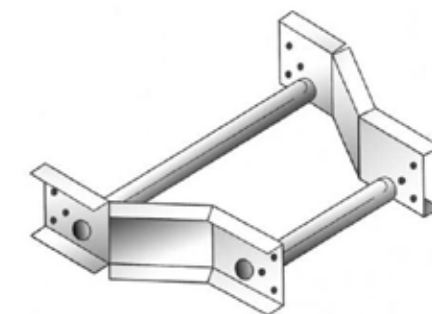
PART#	DESCRIPTION
L3-CT-6-VORC	90° Vertical Outside Riser Aluminum Cable Tray Ladder Cover, 6" Width
L3-CT-12-VORC	90° Vertical Outside Riser Aluminum Cable Tray Ladder Cover, 12" Width
L3-CT-18-VORC	90° Vertical Outside Riser Aluminum Cable Tray Ladder Cover, 18" Width
L3-CT-24-VORC	90° Vertical Outside Riser Aluminum Cable Tray Ladder Cover, 24" Width

Note: Additional Sizes Available

## ROOFTOP

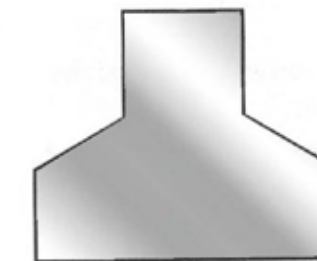
### Aluminum Straight Reducers

PART#	DESCRIPTION
L3-CT-R-12-6	Cable Tray Reducing Section, 12" to 6" x 4" Depth
L3-CT-R-18-12	Cable Tray Reducing Section, 18" to 12" x 4" Depth
L3-CT-R-24-12	Cable Tray Reducing Section, 24" to 12" x 4" Depth
L3-CT-R-24-18	Cable Tray Reducing Section, 24" to 18" x 4" Depth



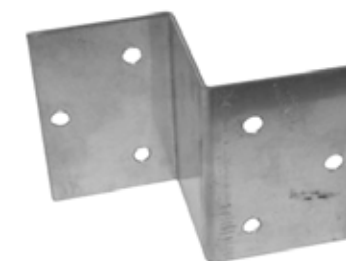
### Aluminum Straight Reducer Covers

PART#	DESCRIPTION
L3-CT-R-12-6C	Cable Tray Reducing Section Cover, 12" to 6"
L3-CT-R-18-12C	Cable Tray Reducing Section Cover, 18" to 12"
L3-CT-R-24-12C	Cable Tray Reducing Section Cover, 24" to 12"
L3-CT-R-24-18C	Cable Tray Reducing Section Cover, 24" to 18"



### Ladder Tray Reducing Connectors

PART#	DESCRIPTION	QUANTITY
L3-CT-R-CON3	3" Reducing Connector	Each
L3-CT-R-CON6	6" Reducing Connector	Each



## ROOFTOP



### Heavy-Duty Cover Hold Down

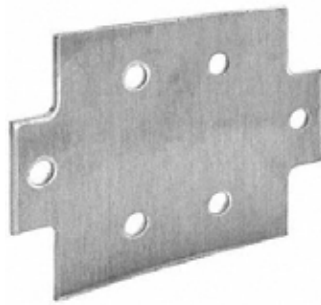
PART#	DESCRIPTION
L3-HURSTRAP-6	Heavy-Duty Cover Hold Down For 6" Cable Tray; Hurricane Strap
L3-HURSTRAP-12	Heavy-Duty Cover Hold Down For 12" Cable Tray; Hurricane Strap
L3-HURSTRAP-18	Heavy-Duty Cover Hold Down For 18" Cable Tray; Hurricane Strap
L3-HURSTRAP-24	Heavy-Duty Cover Hold Down For 24" Cable Tray; Hurricane Strap

Note: Additional Sizes Available



### Cable Tray Cover Attachment Screws

PART#	DESCRIPTION	QUANTITY
L3-SELFTAP10X58-SS-EA	Self-Tap Screw, Stainless Steel #10 x 5/8" Hex Head	Each



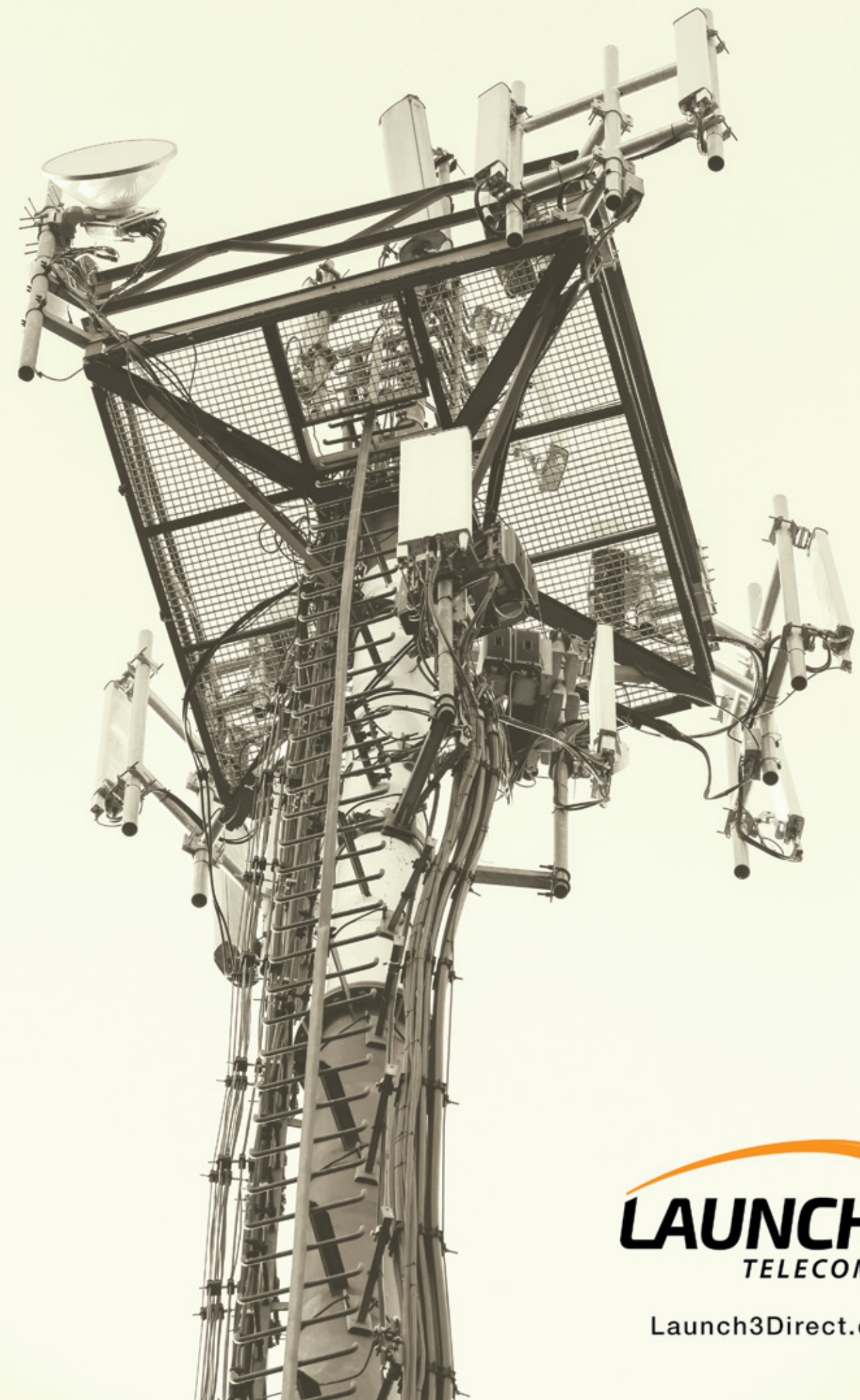
### Splice Plates

PART#	DESCRIPTION	QUANTITY
L3-CT-SPLICE-S	Straight Splice for Cable Tray	Kit of 2
L3-CT-SPLICEA-90	90° Splice for Cable Tray, Aluminum	Kit of 2
L3-CT-SPLICEG-90	90° Splice for Cable Tray, Pre-Galvanized	Kit of 2
L3-CT-SPLICE-VA	Vertical Adjustable Splice for Cable Tray	Kit of 2
L3-CT-SPLICE-HA	Horizontal Adjustable Splice for Cable Tray	Kit of 2



### Aluminum Ladder Tray Hold Down Clamp

PART#	DESCRIPTION	QUANTITY
L3- L3-CT-HDC	Aluminum Hold Down Clamp, 2-3/8" Length, 9/16" Hole	Each



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## WAVE GUIDE BRIDGE

### Bridge Kits

PART#	DESCRIPTION
L3-WBK110-B	Waveguide Bridge, 12" x 10', (2) 13'4" Pipe, 12 Gauge
L3-WBK210-B	Waveguide Bridge, 2' x 10', (2) 13-1/2' Pipe, (3) Triple T, 12 Gauge
L3-WBK210-BS	Waveguide Bridge, 2' x 10', (2) 10'6" Base Shoe Pipe, (3) Triple T, 12 Gauge

### Grip Strut Grating

PART#	DESCRIPTION
L3-GRIPSTRUT12X10	Grip Strut, 12" x 10', 12 Gauge, 3" Channel, Hot-Dipped, Galvanized
L3-GRIPSTRUT24X10	Grip Strut, 24" x 10', 12 Gauge, 3" Channel, Hot-Dipped, Galvanized

### Horseheads - Side Mount

PART#	DESCRIPTION	QUANTITY
L3-HH-12-SM	Horsehead, Side Mount - 12" Wide for 3-1/2" OD Leg, Hardware Included	Each
L3-HH-24-SM	Horsehead, Side Mount - 24" Wide for 3-1/2" OD Leg, Hardware Included	Each

### Horseheads - Front Mount

PART#	DESCRIPTION	QUANTITY
L3-HH-12-FM	Horsehead, Front Mount - 12" Wide for 3-1/2" OD Leg, Hardware Included	Each
L3-HH-24-FM	Horsehead, Front Mount - 24" Wide for 3-1/2" OD Leg, Hardware Included	Each

### Horseheads - Four Post

PART#	DESCRIPTION	QUANTITY
L3-HH-24-4P	Horsehead, Four Post - 24" Long for 3-1/2" OD Leg, Hardware Included	Each

## WAVE GUIDE BRIDGE

### Bracket Style Trapeze Kits

PART#	DESCRIPTION
L3-BTK-1S-12Z	Trapeze Kit, 12" Z-Bracket Style
L3-BTK-1S-24Z	Trapeze Kit, 24" Z-Bracket Style

### Center Channel Trapeze Kits

PART#	DESCRIPTION
L3-WB-T12-3	Trapeze Assembly, Triple Tee, 12" Wide, Three Rungs
L3-WB-T24-3	Trapeze Assembly, Triple Tee, 24" Wide, Three Rungs

### Vertical Trapeze Kits

PART#	DESCRIPTION
L3-VT12-MP	Vertical Trapeze Bracket, 12 Hole, 4 Hole Mounting Plate
L3-VT12	Vertical Trapeze Kit for Solid Bridge, 12 Run

### Splice Kits

PART#	DESCRIPTION	QUANTITY
L3-WB-SK	Waveguide Bridge Splice Kit, 3"x 3"x 24"	Kit of 2
L3-WSK	4 Hole Splice for Waveguide Bridge	Kit of 2

### H Frame Kits

PART#	DESCRIPTION
L3-H-FRAME-3-BSP	H Frame Kit, 3 Level, 10'6" Base Shoe Posts
L3-HFRAME-3	H Frame Kit, 3 Level, 13'6" Posts
L3-HFRAME-4-BSP	H Frame Kit, 4 Level, 10'6" Base Shoe Posts
L3-HFRAME-4	H Frame Kit, 4 Level, 13'6" Posts
L3-HFRAME-5-BSP	H Frame Kit, 5 Level, 10'6" Base Shoe Posts
L3-HFRAME-5	H Frame Kit, 5 Level, 13'6" Posts



# SAFETY PRODUCTS

Harnesses  
 Positioning  
 Fall Arrest  
 Anchor Points  
 Helmets  
 Cable Grabs  
 Rope Grabs  
 Ascenders & Descenders  
 Eye Protection  
 Carabiners  
 Gloves  
 Bags  
 Kernmantle Rope  
 Lifelines  
 Pulleys  
 Rescue Kits  
 Signage  
 Work Wear & Gear  
 Tool Lanyards



## HARNESSES

### Construction Harnesses - Delta Vest

PART#	MANUFACTURER	DESCRIPTION
1102000	DBI-Sala	Delta Vest Style Harness, 1 D Ring, Universal Size



### Construction Harnesses - Delta Cross-Over

PART#	MANUFACTURER	DESCRIPTION
1101809	DBI-Sala	S, Construction Harness, X-Over with Belt & 4 D Rings
1101810	DBI-Sala	M, Construction Harness, X-Over with Belt & 4 D Rings
1101811	DBI-Sala	L, Construction Harness, X-Over with Belt & 4 D Rings
1101812	DBI-Sala	XL, Construction Harness, X-Over with Belt & 4 D Rings



### Tower Harnesses - ExoFit XP

PART#	MANUFACTURER	DESCRIPTION
1110300	DBI-Sala	S, Tower Harness, ExoFit XP Climbing Vest-Style Full Body
1110301	DBI-Sala	M, Tower Harness, ExoFit XP Climbing Vest-Style Full Body
1110302	DBI-Sala	L, Tower Harness, ExoFit XP Climbing Vest-Style Full Body
1110303	DBI-Sala	XL, Tower Harness, ExoFit XP Climbing Vest-Style Full Body
1110304	DBI-Sala	XS, Tower Harness, ExoFit XP Climbing Vest-Style Full Body



### Harness Belts - ExoFit

PART#	MANUFACTURER	DESCRIPTION
1000708	DBI-Sala	S, Harness Belt, ExoFit Tongue Buckle Body
1000709	DBI-Sala	M, Harness Belt, ExoFit Tongue Buckle Body
1000716	DBI-Sala	L, Harness Belt, ExoFit Tongue Buckle Body
1000717	DBI-Sala	XL, Harness Belt, ExoFit Tongue Buckle Body



## HARNESSES

### Tower Harnesses - ExoFit NEX

PART#	MANUFACTURER	DESCRIPTION
1113190	DBI-Sala	S, Tower Harness, ExoFit NEX Climbing Vest-Style Full Body
1113191	DBI-Sala	M, Tower Harness, ExoFit NEX Climbing Vest-Style Full Body
1113192	DBI-Sala	L, Tower Harness, ExoFit NEX Climbing Vest-Style Full Body
1113193	DBI-Sala	XL, Tower Harness, ExoFit NEX Climbing Vest-Style Full Body

### Harness Belts - ExoFit NEX

PART#	MANUFACTURER	DESCRIPTION
1000779	DBI-Sala	S, Harness Belt, ExoFit NEX Tongue Buckle Body
1000780	DBI-Sala	M, Harness Belt, ExoFit NEX Tongue Buckle Body
1000781	DBI-Sala	L, Harness Belt, ExoFit NEX Tongue Buckle Body
1000782	DBI-Sala	XL, Harness Belt, ExoFit NEX Tongue Buckle Body

### Tower Harnesses - VOLT International

PART#	MANUFACTURER	DESCRIPTION
PZ-C072CA00	Petzl	Tower Harness, Volt International with 3-D-Rings, 26" to 48" Waist Belt

### Seat for VOLT® Harnesses

PART#	MANUFACTURER	DESCRIPTION
C072EA00	Petzl	Seat for VOLT harnesses for greater comfort during suspension

### Tower Harnesses - PeregrineRAS Aluminum

PART#	MANUFACTURER	DESCRIPTION
67631	Elk River	S, Tower Harness, PeregrineRAS, TB Legs, Aluminum 6D, Bar Seat
67632	Elk River	M, Tower Harness, PeregrineRAS, TB Legs, Aluminum 6D, Bar Seat
67633	Elk River	L, Tower Harness, PeregrineRAS, TB Legs, Aluminum 6D, Bar Seat
67634	Elk River	XL, Tower Harness, PeregrineRAS, TB Legs, Aluminum 6D, Bar Seat



## HARNESSES

### Tower Harnesses - PeregrineRAS Steel

PART#	MANUFACTURER	DESCRIPTION
67641	Elk River	S, Tower, PeregrineRAS, TB Legs, Steel 6D, Bar Seat
67642	Elk River	M, Tower, PeregrineRAS, TB Legs, Steel 6D, Bar Seat
67643	Elk River	L, Tower, PeregrineRAS, TB Legs, Steel 6D, Bar Seat
67644	Elk River	XL, Tower, PeregrineRAS Harness, TB Legs, Steel 6D, Bar Seat

### Tower Harnesses - Peregrine Platinum QC

PART#	MANUFACTURER	DESCRIPTION
67601	Elk River	S, Tower Harness, Peregrine Platinum, QC Legs, 6D, Bar Seat
67602	Elk River	M, Tower Harness, Peregrine Platinum, QC Legs, 6D, Bar Seat
67603	Elk River	L, Tower Harness, Peregrine Platinum, QC Legs, 6D, Bar Seat
67604	Elk River	XL, Tower Harness, Peregrine Platinum, QC Legs, 6D, Bar Seat

### Tower Harnesses - PeregrineEX Platinum TB

PART#	MANUFACTURER	DESCRIPTION
67611	Elk River	S, Tower Harness, PeregrineEX Platinum, TB Legs, 6D, Bar Seat
67612	Elk River	M, Tower Harness, PeregrineEX Platinum, TB Legs, 6D, Bar Seat
67613	Elk River	L, Tower Harness, PeregrineEX Platinum, TB Legs, 6D, Bar Seat
67614	Elk River	XL, Tower Harness, PeregrineEX Platinum, TB Legs, 6D, Bar Seat

### Tower Harnesses - Eagle Tower LX

PART#	MANUFACTURER	DESCRIPTION
66621	Elk River	S, Tower Harness, Eagle LX, 6D, TB Legs, Bar Seat
66622	Elk River	M, Tower Harness, Eagle LX, 6D, TB Legs, Bar Seat
66623	Elk River	L, Tower Harness, Eagle LX, 6D, TB Legs, Bar Seat
66624	Elk River	XL, Tower Harness, Eagle LX, 6D, TB Legs, Bar Seat



## POSITIONING/FALL ARREST



### Replacement Rope - Grillon

PART#	MANUFACTURER	DESCRIPTION
L52R003	Petzl	Petzl GRILLON Replacement Lanyard with Protective Sheath, 3 m
L52R004	Petzl	Petzl GRILLON Replacement Lanyard with Protective Sheath, 4 m



### Rebar Web Assembly - Kevlar®

PART#	MANUFACTURER	DESCRIPTION
95740	Elk River	FireMaster Kevlar Rebar Web Assembly with Rebar Hook, 1 3/4" x 14"
95741	Elk River	FireMaster Kevlar Rebar Web Assembly with Rebar Hook, 1 3/4" x 18"



### Slings

PART#	MANUFACTURER	DESCRIPTION
C40A60	Petzl	ANNEAU Sewn Sling, 60 cm, Yellow
C40A80	Petzl	ANNEAU Sewn Sling, 80 cm, Blue
C40A120	Petzl	ANNEAU Sewn Sling, 120 cm, Green
C40A150	Petzl	ANNEAU Sewn Sling, 150 cm, Red



### Single Leg Lanyard - Bungee Style

PART#	MANUFACTURER	DESCRIPTION
1340101	Protecta	Single Leg Lanyard with Steel Snap Hooks, Bungee Style, 6'
35324	Elk River	NoPac Energy Absorbing Lanyard with Steel Snap Hooks, Bungee Style, 1-1/4"x4'

## FALL ARREST

### Twin Leg Lanyard - Pack Style - Steel Carabiners

PART#	MANUFACTURER	DESCRIPTION
1246023	DBI-Sala	EZ-Stop Twin Leg Web Lanyard with Snap Hook & Steel Carabiners, 6'



### Twin Leg Lanyard - Bungee - Aluminum Rebar Hooks

PART#	MANUFACTURER	DESCRIPTION
35487	Elk River	NoPac Twin Leg Lanyard with Aluminum Snap/Rebar Hooks, 1 1/2" x 6'
35488	Elk River	FLEX-NoPac Twin Leg Lanyard with Aluminum Rebar Hooks, 1 1/2" x 6'
1244409	DBI-Sala	Twin leg Shock Absorbing Lanyard with Aluminum Rebar Hooks, 6'



### Twin Leg Lanyard - Bungee - Steel Carabiners

PART#	MANUFACTURER	DESCRIPTION
35406	Elk River	NoPac Twin Leg Shock Absorbing Lanyard with Large Steel Carabiners, 6'



### Twin Leg Lanyard - Aluminum Carabiners

PART#	MANUFACTURER	DESCRIPTION
35416	Elk River	NoPac Twin Leg Shock Absorbing Lanyard with Large Aluminum Carabiners, 6'
35716	Elk River	NoPac Twin Leg Lanyard with 1 Small & 2 Large Aluminum Carabiners, 1 1/2" x 6'



## ANCHOR POINTS



### Self-Retracting Lifelines - Cable

PART#	MANUFACTURER	DESCRIPTION
AD115B	DBI-Sala	Self Retracting Lifeline, Rebel SRL, Galvanized Cable, 3/16" x 15'
22315	Elk River	Self Retracting Lifeline with FI Snap & Beamer, Galvanized Cable, 3/16" x 15'
22320	Elk River	Self Retracting Lifeline with FI Snap & Beamer, Galvanized Cable, 3/16" x 20'
22330	Elk River	Self Retracting Lifeline with FI Snap & Beamer, Galvanized Cable, 3/16" x 30'
22350	Elk River	Self Retracting Lifeline with FI Snap & Beamer, Galvanized Cable, 3/16" x 50'



### Tie Off Slings

PART#	MANUFACTURER	DESCRIPTION
63673	Elk River	Eagle Tie Off Sling, Loops on Ends, 1" x 3" Web
1003000	DBI-Sala	Tie Off Adaptor, Pass-Through Type with 3" Wear Pad, 3', Yellow
1003006	DBI-Sala	Tie Off Adaptor, Pass-Through Type with 3" Wear Pad, 6', Yellow



### Anchor Points

PART#	MANUFACTURER	DESCRIPTION
HD26226	PMI	Swivel Anchor with Bolt for Steel, Permanent & Portable Megal, 10K
AN112A	Protecta	Anchorage D-Bolt, Forged Steel with Zinc Plating

## ANCHOR POINTS

### Roof Anchors

PART#	MANUFACTURER	DESCRIPTION
2100133	DBI-Sala	Roof Top Anchor, Universal, for Metal, Wood, Concrete Roof
2100185	DBI-Sala	Roof Top Counter Weight Anchor System



### Termination Plates

PART#	MANUFACTURER	DESCRIPTION
13000	Elk River	Termination Plate, Rope, 6 Holes, 7/16" to 3/4" Rope
P63M	Petzl	PAW Rigging Plate, Medium, NFPA
V4260	Tractel	Termination Plate, Splice-Safe Rope



## HELMETS



### Hard Hats – Logo

PART#	MANUFACTURER	DESCRIPTION
H-701R-UV	3M	3M™ Hard Hat with Uvicator™ Sensor, White
H-701V-UV	3M	3M™ Hard Hat with Uvicator™ Sensor, Vented, White

Note: Customized Logo Available Upon Request



### Hard Hat – Cap Style

PART#	MANUFACTURER	DESCRIPTION
60100	Klein Tools	Non Vented Cap Style Hard Hat, Standard, White

### Helmets - Vertex Non-Vented



PART#	MANUFACTURER	DESCRIPTION
A010AA00	Petzl	Petzl Vertex Unventilated Helmet, White
A010AA02	Petzl	Petzl Vertex Unventilated Helmet, Red
A010AA04	Petzl	Petzl Vertex Unventilated Helmet, Orange
A010AA01	Petzl	Petzl Vertex Unventilated Helmet, Yellow
A010AA06	Petzl	Petzl Vertex Unventilated Helmet, Green
A010AA05	Petzl	Petzl Vertex Unventilated Helmet, Blue
A010AA03	Petzl	Petzl Vertex Unventilated Helmet, Black

### Helmets – Vertex Vented



PART#	MANUFACTURER	DESCRIPTION
A010CA00	Petzl	Petzl Vertex Vented Helmet, White
A010CA02	Petzl	Petzl Vertex Vented Helmet, Red
A010CA04	Petzl	Petzl Vertex Vented Helmet, Orange
A010CA01	Petzl	Petzl Vertex Vented Helmet, Yellow
A010CA06	Petzl	Petzl Vertex Vented Helmet, Green
A010CA05	Petzl	Petzl Vertex Vented Helmet, Blue
A010CA03	Petzl	Petzl Vertex Vented Helmet, Black

## CABLE GRABS

### Cable Grab - 3/8"

PART#	MANUFACTURER	DESCRIPTION
6160054	DBI-Sala	Cable Sleeve, DBI Sala Lad-Saf X3 Detachable
TTWG-500	TufTug	TufTug Cable Grab, 3/8"



### Cable Grab - Dual 5/16" & 3/8"

PART#	MANUFACTURER	DESCRIPTION
6160030	DBI-Sala	Cable Grab, Lad-Saf X2 for 3/8" & 5/16" Steel Cable





## ROPE GRABS



### Rope Grab - 1/2"

PART#	MANUFACTURER	DESCRIPTION
19101	Elk River	Rope Grab with 3' Shock Pack Lanyard & Snap Hook, 1/2"
HD26005	PMI	Rope Grab, Mio with 3' Shock Pack Lanyard, 1/2"



### Rope Grab - 10 to 13mm

PART#	MANUFACTURER	DESCRIPTION
B071BA00	Petzl	Petzl ASAP LOCK Fall Arrester with Locking Function, 10 to 13mm
B070AA00	Petzl	Petzl ASAP Mobile Fall Arrestor for Rope, 10 to 13mm



### Rope Grab - 5/8"

PART#	MANUFACTURER	DESCRIPTION
19273	Elk River	Rope Grab with 3' Shock Lanyard Attached, 5/8"
AC202D	DBI-Sala	Protecta Cobra Mobil & Manual Rope Grab, 5/8"
AC202A10	DBI-Sala	Rope Grab with 2' PRO Shock Absorbing Lanyard, 5/8"
5000335	DBI-Sala	Rope Grab, Diameter Mobile, 5/8"



### Belay Device - 9 to 11 mm

PART#	MANUFACTURER	DESCRIPTION
D014BA00	Petzl	Belay Device, GriGri, 9 to 11mm Rope, Gray
D014BA01	Petzl	Belay Device, GriGri, 9 to 11mm Rope, Red/Orange
D014BA02	Petzl	Belay Device, GriGri, 9 to 11mm Rope, Blue

## ASCENDERS & DESCENDERS/EYE PROTECTION

### Fisk Descender

PART#	MANUFACTURER	DESCRIPTION
2103189	DBI-Sala	Fisk Descender with VHS Instructional Video



### Self-Braking Descenders

PART#	MANUFACTURER	DESCRIPTION
D020BA01	Petzl	Petzl I'D Large Self-Braking Descender, 12.5 to 13mm, Black
D020BA00	Petzl	Petzl I'D Large Self-Braking Descender, 12.5 to 13mm, Red



### Ascenders

PART#	MANUFACTURER	DESCRIPTION
B17ALN	Petzl	ASCENSION Lightweight Ascender, Left Hand, NFPA, Black
B17ARN	Petzl	ASCENSION Lightweight Ascender, Right Hand, NFPA, Black



### Safety Glasses

PART#	MANUFACTURER	DESCRIPTION
11672-00000-20	3M	Virtua Safety Glasses, Anti Fog Lens, Clear
11673-00000-20	3M	Virtua Safety Glasses, Anti Fog Lens, Gray



## CARABINERS



### Steel Carabiners

PART#	MANUFACTURER	DESCRIPTION
USR-04-C09A	U.S. Rigging	Carabiner, Steel, Twist Lock, Pear, 2" Gate, Large
USR-04-C09B	U.S. Rigging	Carabiner, Steel, Twist Lock, 2" Gate, Large
USR-12-CTL	U.S. Rigging	Carabiner, Steel, Twist Lock, 1" Gate, Small
USR-12-CTLD	U.S. Rigging	Carabiner, Steel, Twist Lock, Equal D, 1/2" Gate, Small
USR-12-CTLM	U.S. Rigging	Carabiner, Steel, Twist Lock, Oblong D, 3/4" Gate, Small
USR-14-C3T	U.S. Rigging	Carabiner with Eye, Forged Steel, Triple Lock
USR-71-C09A	U.S. Rigging	Carabiner (M), Steel, Twist Lock, 2" Gate
USR-71-C09B	U.S. Rigging	Carabiner (M), Steel, Triple Lock, 2" Gate



### Aluminum Carabiners

PART#	MANUFACTURER	DESCRIPTION
USR-12-ATL	U.S. Rigging	Carabiner, Aluminum, Twist Lock, 3/4" Gate, Small
USR-14-ATL9	U.S. Rigging	Carabiner with Eye, Aluminum, Twist Lock



### Steel Spreader Bars

PART#	MANUFACTURER	DESCRIPTION
USR-16-CDL	U.S. Rigging	Spreader Bar, Forged Steel, MBS 5171 lb

## CARABINERS

### Steel Snap Hooks

PART#	MANUFACTURER	DESCRIPTION
USR-01-CF07	U.S. Rigging	Snap Hook, Fixed, Steel, MBS 10, 116 lb
USR-01-CF09	U.S. Rigging	Snap Hook, Fixed, Forged Steel, MBS 5171 lb
USR-01-CF09B	U.S. Rigging	Snap Hook, Fixed, Steel, MBS 5171 lb
USR-02-CS07	U.S. Rigging	Snap Hook, Swivel, Forged Steel, MBS 11, 240 lb
USR-02-CS09B	U.S. Rigging	Snap Hook, Swivel, Forged Steel, MBS 5171 lb



### Steel Rebar Hooks

PART#	MANUFACTURER	DESCRIPTION
USR-BRH-C09	U.S. Rigging	Rebar Hook, Forged Steel, MBS 11, 240 lb
USR-BRH-C09B	U.S. Rigging	Rebar Hook, Forged Steel, MBS 8992 lb
USR-BRH-SC09	U.S. Rigging	Rebar Hook, Swivel, Forged Steel, MBS 11, 240 lb



## GLOVES



## Gloves – Lightweight/Midweight

PART#	MANUFACTURER	DESCRIPTION
K52	Petzl	CORDEX Lightweight Glove, Black
K52	Petzl	CORDEX Lightweight Glove, Tan
K53	Petzl	CORDEX Midweight, Black
K53	Petzl	CORDEX Midweight, Tan

Note: Available in Sizes Small, Medium, Large and XLarge



## Gloves - Cut Resistant

PART#	MANUFACTURER	DESCRIPTION
17122	Ergodyne	PROFLEX HD Utility Cut Resistant Gloves, S, Black/Gray
17123	Ergodyne	PROFLEX HD Utility Cut Resistant Gloves, M, Black/Gray
17124	Ergodyne	PROFLEX HD Utility Cut Resistant Gloves, L, Black/Gray
17125	Ergodyne	PROFLEX HD Utility Cut Resistant Gloves, XL, Black/Gray



## BAGS

## Bolt Bags

PART#	MANUFACTURER	DESCRIPTION
84520	Elk River	Bolt Bag, Belt Tunnel, Tool Loops, 4" x 10" x 9", Red
84521	Elk River	Bolt Bag, Belt Tunnel, Tool Loops, Draw, 4" x 10" x 9"
84522	Elk River	Deep Bolt Bag, Belt Tunnel, Tool Loops, Draw, 4" x 14" x 9"
88199	Elk River	Bolt Bag, Pocket, Snap Strap, 4" x 8" x 10"
5141P	Klein Tools	Utility Bag with Loops, Canvas, 12" Tall
5416TC	Klein Tools	Bolt Bag with Drawstring Top, Canvas, 10" Tall
5416TCP	Klein Tools	Bolt Bag with Drawstring Top, Canvas, 12" Tall



## Transport Bags

PART#	MANUFACTURER	DESCRIPTION
S045AA00	Petzl	Medium Capacity Transport Bag - Yellow
S045AA01	Petzl	Large Capacity Transport Bag - Yellow



## Gear Bags

PART#	MANUFACTURER	DESCRIPTION
L3-GEARBAG-BLACK	Launch 3	Gear Bag, 29" x 17" x 16", Black
L3-51850RA	Klein Tools	Gear Bag, Backpack, 18"x 23", Orange



## Grunt Buckets

PART#	MANUFACTURER	DESCRIPTION
14443	Ergodyne	Hoist Bucket 5743 Plastic Bottom, 12.5" x 17" with Hook, 100 lb, White
14653	Ergodyne	Hoist Bucket 5653 Plastic Bottom, 12.5" x 17" with D-Ring, 100 lb, Black
5104CLR17	Klein Tools	HD Grunt Bucket with Lid, Leather Bottom & Hook 17", 150 lb
5104CLR22	Klein Tools	HD Grunt Bucket with Lid, Leather Bottom & D-Ring, 22", 150 lb
5104S	Klein Tools	Grunt Bucket, Leather Bottom, with Hook, 17", 100 lb



## BAGS



## Tool Bags

PART#	MANUFACTURER	DESCRIPTION
5102-24	Klein Tools	Tool Bag, Canvas, 24" (610mm)



## Rescue Gear Bags

PART#	MANUFACTURER	DESCRIPTION
L3-RESCUEBAG-RED	Launch 3	Rescue Bag, 29" x 17" x 16", Red



## Rope Bags

PART#	MANUFACTURER	DESCRIPTION
84304	Elk River	EZE-Man Rope Bag, Large, Holds 550' of 1/2" Rope
RB44022	PMI	Rope Pack with Straps & 5/8" Grommet, XL, 23" x 16", Black
RB44023	PMI	Rope Pack with Straps & 5/8" Grommet, XL, 23" x 16", Blue
RB44024	PMI	Rope Pack with Straps & 5/8" Grommet, XL, 23" x 16", Red
RB44029	PMI	Rope Pack with Straps & 5/8" Grommet, XL, 23" x 16", Orange
RB44057	PMI	Rope Pack with Straps & 5/8" Grommet, XXL, 28.5" x 17", Blue
RB44058	PMI	Rope Pack with Straps & 5/8" Grommet, XXL, 28.5" x 17", Black
RB44055	PMI	Rope Pack with Straps & 5/8" Grommet, XXL, 28.5" x 17", Orange
RB44056	PMI	Rope Pack with Straps & 5/8" Grommet, XXL, 28.5" x 17", Red

## KERNMANTLE ROPE

PART#	SIZE	MANUFACTURER	DESCRIPTION
2WP-141-03S	17/16"	Pelican Rope	Rope, Static Kernmantle, 7/16" x 300', Blue
2WP-141-06S	17/16"	Pelican Rope	Rope, Static Kernmantle, 7/16" x 600', Blue
2WP-141-12S	17/16"	Pelican Rope	Rope, Static Kernmantle, 7/16" x 1200', Blue
2WP-161-03S	1/2"	Pelican Rope	Rope, Static Kernmantle, 1/2" x 300', Blue
2WP-161-06S	1/2"	Pelican Rope	Rope, Static Kernmantle, 1/2" x 600', Blue
2WP-161-12S	1/2"	Pelican Rope	Rope, Static Kernmantle, 1/2" x 1200', Blue
2WP-201-03S	5/8"	Pelican Rope	Rope, Static Kernmantle, 5/8" x 300', Blue
2WP-201-06S	5/8"	Pelican Rope	Rope, Static Kernmantle, 5/8" x 600', Blue
2WP-201-12S	5/8"	Pelican Rope	Rope, Static Kernmantle, 5/8" x 1200', Blue
2WP-142-03S	17/16"	Pelican Rope	Rope, Static Kernmantle, 7/16" x 300', Red
2WP-142-06S	17/16"	Pelican Rope	Rope, Static Kernmantle, 7/16" x 600', Red
2WP-142-12S	17/16"	Pelican Rope	Rope, Static Kernmantle, 7/16" x 1200', Red
2WP-162-03S	1/2"	Pelican Rope	Rope, Static Kernmantle, 1/2" x 300', Red
2WP-162-06S	1/2"	Pelican Rope	Rope, Static Kernmantle, 1/2" x 600', Red
2WP-162-12S	1/2"	Pelican Rope	Rope, Static Kernmantle, 1/2" x 1200', Red
2WP-202-03S	5/8"	Pelican Rope	Rope, Static Kernmantle, 5/8" x 300', Red
2WP-202-06S	5/8"	Pelican Rope	Rope, Static Kernmantle, 5/8" x 600', Red
2WP-202-12S	5/8"	Pelican Rope	Rope, Static Kernmantle, 5/8" x 1200', Red
2WP-165-06S	1/2"	Pelican Rope	Rope, Static Kernmantle, 1/2" x 600', Orange with White Tracer
2WP-200-03S	5/8"	Pelican Rope	Rope, Static Kernmantle, 5/8" x 300', White
2WP-200-06S	5/8"	Pelican Rope	Rope, Static Kernmantle, 5/8" x 600', White
2WP-200-12S	5/8"	Pelican Rope	Rope, Static Kernmantle, 5/8" x 1200', White



## LIFELINES



## Lifelines

PART#	MANUFACTURER	DESCRIPTION
1202962	DBI-Sala	5/8" x 350' Polyester/Polypro Rope Lifeline with Snap Hooks
LYTP-200-50FE	Pelican Rope	Rope, Twisted Polyester with 2 Snaphooks, 5/8" x 50'
LYTP-200-75FE	Pelican Rope	Rope, Twisted Polyester with 2 Snaphooks, 5/8" x 75'
LYTP-200-100FE	Pelican Rope	Rope, Twisted Polyester with 2 Snaphooks, 5/8" x 100'
LYTP-200-150FE	Pelican Rope	Rope, Twisted Polyester with 2 Snaphooks, 5/8" x 150'
LYTP-200-200FE	Pelican Rope	Rope, Twisted Polyester with 2 Snaphooks, 5/8" x 200'
LYTP-200-250FE	Pelican Rope	Rope, Twisted Polyester with 2 Snaphooks, 5/8" x 250'
LYTP-200-300FE	Pelican Rope	Rope, Twisted Polyester with 2 Snaphooks, 5/8" x 300'
LYTP-200-350FE	Pelican Rope	Rope, Twisted Polyester with 2 Snaphooks, 5/8" x 350'
LYTP-200-600FE	Pelican Rope	Rope, Twisted Polyester with 2 Snaphooks, 5/8" x 600'

## Horizontal Lifelines

PART#	MANUFACTURER	DESCRIPTION
7600506	DBI-Sala	Sayflite Synthetic Horizontal Lifeline System, 60'
7600510	DBI-Sala	Sayflite Synthetic Horizontal Lifeline System, 100'

## Rope - End Dip

PART#	MANUFACTURER	DESCRIPTION
RC48011	PMI	Rope Whip End Dip, Clear, 64 Ends (3 Coats Each)
RC48012	PMI	Rope Whip End Dip, Red, 64 Ends (3 Coats Each)
RC48013	PMI	Rope Whip End Dip, White, 64 Ends (3 Coats Each)

## Rope Protection

PART#	MANUFACTURER	DESCRIPTION
RC48032	PMI	Spiroll Rope Protector, Orange, Single Rope > 9.5mm



## PULLEYS/RESCUE KITS

## Pulleys

PART#	MANUFACTURER	DESCRIPTION
P50A	Petzl	Single Pulley: High Strength, 8093 lb, Red
P50AN	Petzl	Single Pulley: High Strength, 8093 lb, Black

## Suspension Straps

PART#	MANUFACTURER	DESCRIPTION
9501403	DBI-Sala	Suspension Trauma Safety Straps (2)

## Pick Off Straps

PART#	MANUFACTURER	DESCRIPTION
C42F	Petzl	Petzl CONNEXION FAST Strap, 10-150cm

## Rescue Kits

PART#	MANUFACTURER	DESCRIPTION	LENGTH
L3-RESCUEKIT-ID-300	Launch 3	Rescue Kit with I'D Descender, Complete Kit, 1/2"	300
L3-RESCUEKIT-ID-600	Launch 3	Rescue Kit with I'D Descender, Complete Kit, 1/2"	600



## RESCUE KITS/SIGNAGE



## Haul Systems

PART#	MANUFACTURER	DESCRIPTION
KT36128	PMI	PMI SMC JR Haul System 7mm x 10m Tuff Cord



## Tower Pack

PART#	MANUFACTURER	DESCRIPTION
KT36163	PMI	Tower Pack Rescue Kit 11mm x 100m Rope



## Signage

PART#	MANUFACTURER	DESCRIPTION
L3-TOWERSITEBANNER	Launch 3	OSHA Sign Banner 3' x 6', Vinyl with Grommets

## WORK WEAR/GEAR

## Head Lamps

PART#	MANUFACTURER	DESCRIPTION
E78BHB	Petzl	Petzl PIXA 80 Lumens, Constant Lighting, Mixed Beam



## Knee Pads

PART#	MANUFACTURER	DESCRIPTION
18316	Ergodyne	PROFLEX Knee Pads, Long Cap, Hook & Loop, Black/Black
18336	Ergodyne	PROFLEX Knee Pads, Slip Resist Cap, Hook & Loop, Black/Black



## Hi-Vis Vests - Class 2

PART#	MANUFACTURER	DESCRIPTION
21123	Ergodyne	GLOWEAR Hi-Vis Mesh Vest with Pockets, Class 2, S/M, Lime
21125	Ergodyne	GLOWEAR Hi-Vis Mesh Vest with Pockets, Class 2, L/XL, Lime
21127	Ergodyne	GLOWEAR Hi-Vis Mesh Vest with Pockets, Class 2, 2XL/3XL, Lime



## TOOL LANYARDS

### Tool Lanyards

PART#	MANUFACTURER	DESCRIPTION
19002	Ergodyne	Squids 3100 Tool Lanyard with Beaner, 10 lb, 35 to 42", Black
19003	Ergodyne	Squids 3100 Tool Lanyard with Beaner, 10 lb, 35 to 42", Lime
19012	Ergodyne	Squids 3100 Tool Lanyard with Beaner, 10 lb, 42 to 54", Black
19013	Ergodyne	Squids 3100 Tool Lanyard with Beaner, 10 lb, 42 to 54", Lime

### Tool Lanyards - Dual Carabiner

PART#	MANUFACTURER	DESCRIPTION
19822	Ergodyne	Squids 3110F(X) Tool Lanyard Dual Carabiner, 10lb, 38" to 48", Orange & Gray

### Tool Lanyards - Detachable

PART#	MANUFACTURER	DESCRIPTION
19864	Ergodyne	Squids 3102F(X) Detachable Single Carabiner Tool Lanyard, 5lb, 38"-48", Orange & Gray

### Tool Lanyards - Detachable Loops

PART#	MANUFACTURER	DESCRIPTION
19068	Ergodyne	Squids 3103 Detachable Loops for 3102 Series, Black Pack of 3



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# RIGGING PRODUCTS

Blocks  
Hoists  
Load Rope  
Slings



## BLOCKS

### Aluminum Snatch Blocks

PART#	DESCRIPTION
L3-303B4PH	Aluminum Hand Line Block with Hook, 3", 1000 lb
L3-404B2PJ	Aluminum Hand Line Block with Hook, 4", 2500 lb



### Steel Snatch Blocks - Hook

PART#	DESCRIPTION
L3-8-502-02	Snatch Block - 3" with Hook, 2 Ton
L3-8-502-04	Snatch Block - 4-1/2" with Hook, 4 Ton



### Steel Snatch Blocks - Shackle

PART#	DESCRIPTION
L3-8-501-02	Snatch Block - 3" with Shackle, 2 Ton
L3-8-501-04	Snatch Block - 4-1/2" with Shackle, 4 Ton



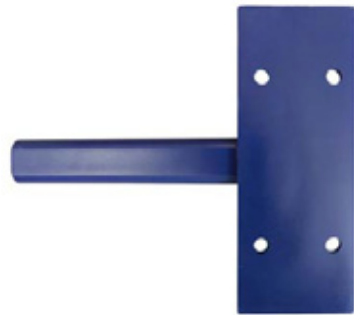


## HOISTS



### Reliable 1000 lb. Capstan

PART#	DESCRIPTION
REL-CH-1000	1000 lb. Electric Capstan, 115 Volt AC
REL-C-FS-1	Foot Switch



### Reliable Capstan Mounting

PART#	DESCRIPTION
REL-14582	Hitch Mount
R-CH-BRACKET	Universal Chain Mount



### Capstan

PART#	DESCRIPTION
C3081170	Capstan Hoist, 1000 lb, 120V AC with Foot Pedal
C3081370	Capstan Hoist, 3000 lb, 120V AC with Foot Pedal

## LOAD ROPE/SLINGS

### Load Rope

PART#	DESCRIPTION
CDB120300	Rope, 300', 3/8" Composite Double Braid with Spliced Eyes
CDB140300	Rope, 300', 7/16" Composite Double Braid with Spliced Eyes
CDB160300	Rope, 300', 1/2" Composite Double Braid with Spliced Eyes
CDB180300	Rope, 300', 9/16" Composite Double Braid with Spliced Eyes
CDB200300	Rope, 300', 5/8" Composite Double Braid with Spliced Eyes
CDB240300	Rope, 300', 3/4" Composite Double Braid with Spliced Eyes
CDB280300	Rope, 300', 7/8" Composite Double Braid with Spliced Eyes
CDB300300	Rope, 300', 1" Composite Double Braid with Spliced Eyes
CDB120600	Rope, 600', 3/8" Composite Double Braid with Spliced Eyes
CDB140600	Rope, 600', 7/16" Composite Double Braid with Spliced Eyes
CDB160600	Rope, 600', 1/2" Composite Double Braid with Spliced Eyes
CDB180600	Rope, 600', 9/16" Composite Double Braid with Spliced Eyes
CDB200600	Rope, 600', 5/8" Composite Double Braid with Spliced Eyes
CDB240600	Rope, 600', 3/4" Composite Double Braid with Spliced Eyes
CDB280600	Rope, 600', 7/8" Composite Double Braid with Spliced Eyes
CDB300600	Rope, 600', 1" Composite Double Braid with Spliced Eyes
CDB121200	Rope, 1,200', 3/8" Composite Double Braid with Spliced Eyes
CDB141200	Rope, 1,200', 7/16" Composite Double Braid with Spliced Eyes
CDB161200	Rope, 1,200', 1/2" Composite Double Braid with Spliced Eyes
CDB181200	Rope, 1,200', 9/16" Composite Double Braid with Spliced Eyes
CDB201200	Rope, 1,200', 5/8" Composite Double Braid with Spliced Eyes
CDB241200	Rope, 1,200', 3/4" Composite Double Braid with Spliced Eyes
CDB281200	Rope, 1,200', 7/8" Composite Double Braid with Spliced Eyes
CDB301200	Rope, 1,200', 1" Composite Double Braid with Spliced Eyes

### Round Slings

PART#	DESCRIPTION
Part# E30	Endless Sling, Purple (3,000lb), Multiple Sizes Available
Part# E60	Endless Sling, Green (6,000lb), Multiple Sizes Available
Part# E90	Endless Sling, Yellow (9,000lb), Multiple Sizes Available
Part# E120	Endless Sling, Tan (12,000lb), Multiple Sizes Available
Part# E150	Endless Sling, Red (14,000lb), Multiple Sizes Available
Part# E180	Endless Sling, White (17,000lb), Multiple Sizes Available
Part# E240	Endless Sling, Blue (23,000lb), Multiple Sizes Available
Part# E300	Endless Sling, Orange (31,000lb), Multiple Sizes Available



# APPAREL

**DRESS  
YOUR  
CREW!**



**Launch 3 Camouflage Cap - O/S**  
L3-CAMOCAP



**Gray Winter Hat - O/S**  
L3-GRAYHAT



**Launch 3 Backpack**  
L3-BACKPACK



**Launch 3 Black Zip-Up Sweatshirt**  
L3-ZIPUP



**Launch 3 Black Hooded Sweatshirt**  
L3-HOODIE



**Launch 3 Black Tonal T-Shirt**  
L3-BLACKTONALTSHIRT



**Launch 3 Camo T-Shirt**  
L3-CAMOTSHIRT



**Launch 3 Gray T-Shirt**  
L3-LIGHTGRAYTSHIRT



**Launch 3 Gray Long Sleeved T-Shirt**  
L3-GRAYLONGSLEEVED



**Launch 3 Black Tonal Long Sleeved T-Shirt**  
L3-BLACKLONGSLEEVED

All Apparel Available in Sizes S-XXL

All Apparel Available in Sizes S-XXL

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