

OPTICAL FIBRE & COPPER

PRODUCT CATALOGUE

TELECOMMUNICATIONS CONNECTIVITY

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Website: dexgreen.com

DEXGREEN
We Collaborate, Innovate, Deliver & Support

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WHO WE ARE



FOUNDED IN 1994

We manufacture over 200 unique products while also offering ongoing support through our mobile app. We utilise the latest in AR and AI technology to provide you with a digital installation assistant that reduces revisit costs significantly, along with a mobile learning platform that allows your engineers to upskill on site.

DexGreen was founded in 1994 alongside our innovative Dexbond product, a joint closure sealant that saved our clients millions in engineer callouts and overall fault volume reduction.

Today, DexGreen develops innovative and tailor-made products to upgrade carrier networks across the world.



**WE MANUFACTURE
OVER 200
PRODUCTS**

WHAT WE DO

Our team at DexGreen creates innovative and cost-effective telecom products. We are passionate about what we do, and so we provide ongoing product support services through our technical, commercial and collaborative relationships with our business partners.

INNOVATIVE AND COST-EFFECTIVE

ACCREDITATIONS

DexGreen is accredited to BS EN ISO9001:2015 quality standard and BS EN ISO14001:2015 environmental standard. Our scope of approval covers design, manufacture and distribution of products and services to the telecommunications, pharmaceutical and process industries.

OUR MISSION

Our mission is to improve your network health with our products and solutions, which deliver whole life cost savings through innovation, fault volume and reduction, and supply chain refinement.

We are dedicated to improving telecommunications infrastructure, and we innovate our products to ensure reliable and long-lasting components. We are industry leaders in optical fibre and copper connectivity.



SUSTAINABILITY

DexGreen is accredited to BS EN ISO9001:2015 quality standard and BS EN ISO14001:2015 environmental standard. Our scope of approval covers design, manufacture and distribution of products and services to the telecommunications, pharmaceutical and process industries.

ISO 14001 is the international standard that specifies requirements for an effective Environmental Management System (EMS).

There are many benefits to ISO 14001:2015, including improving resource efficiency, waste reduction, assuring that environmental impact is being measured and improving overall environmental impact.

Approximately 50 pages of installation guides covering all cable types are required for the CSP demarcation box alone. An installation book would usually be included, however, by utilizing videos and app-based digital documentation, we have significantly reduced our paper usage.

DexGreen is committed to reducing the use of single-use plastics in our packaging. Plastic bags have been removed from our discrete connector range, resulting in the removal of 150,000 bags per year.

In other product ranges, we prevent over 13 Tonnes of single-use plastic wastage yearly. This is done by replacing the plastic with more environmentally friendly, compostable materials.

By increasing recycling at DexGreen headquarters, we have seen a reduction in waste going to landfill. We have implemented initiatives to reduce energy and water usage and reduced air travel by supplementing site visits with alternative methods of communication, such as Teleconferencing.



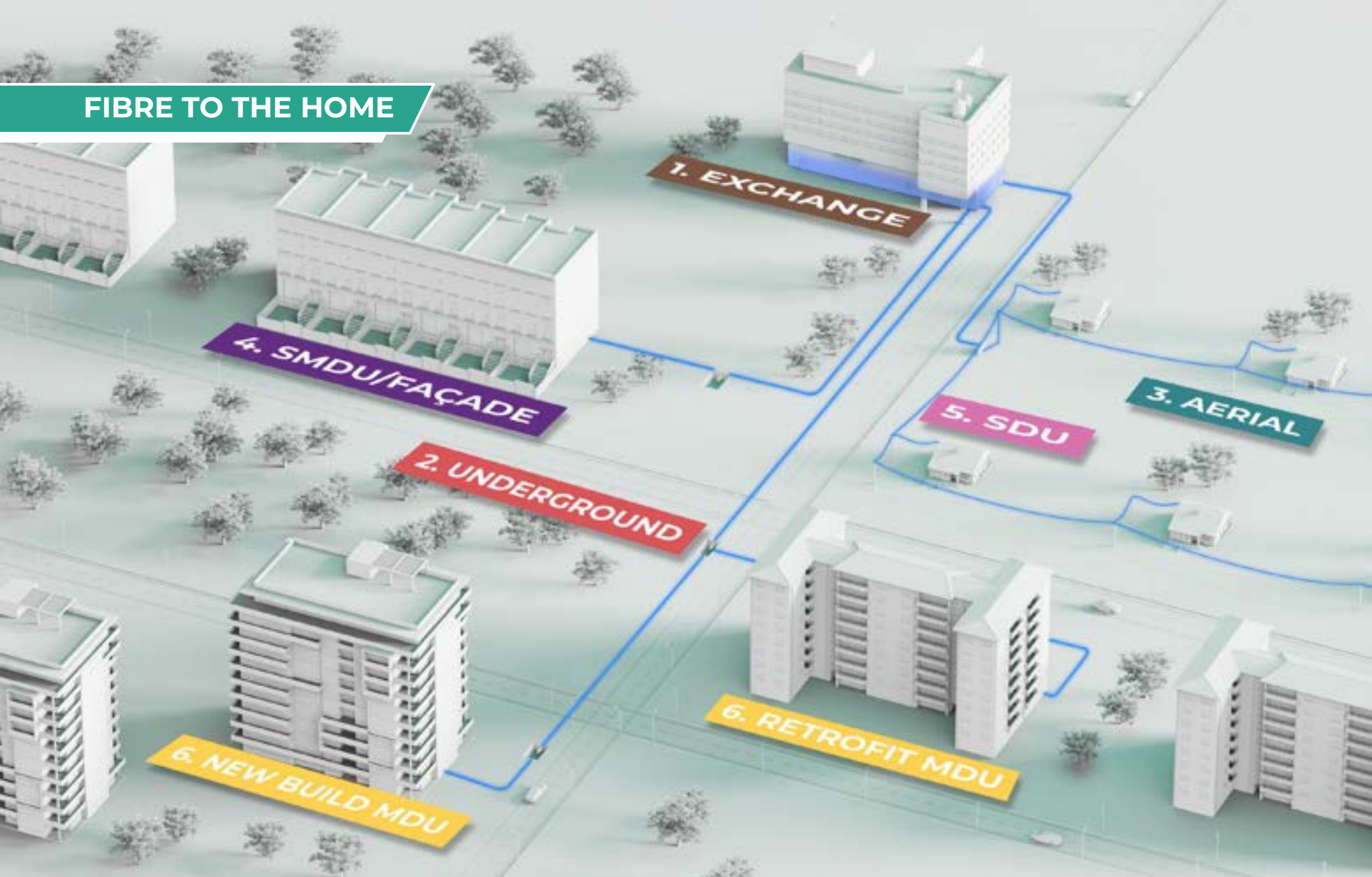
Table of Contents

FTTH – Product Solutions

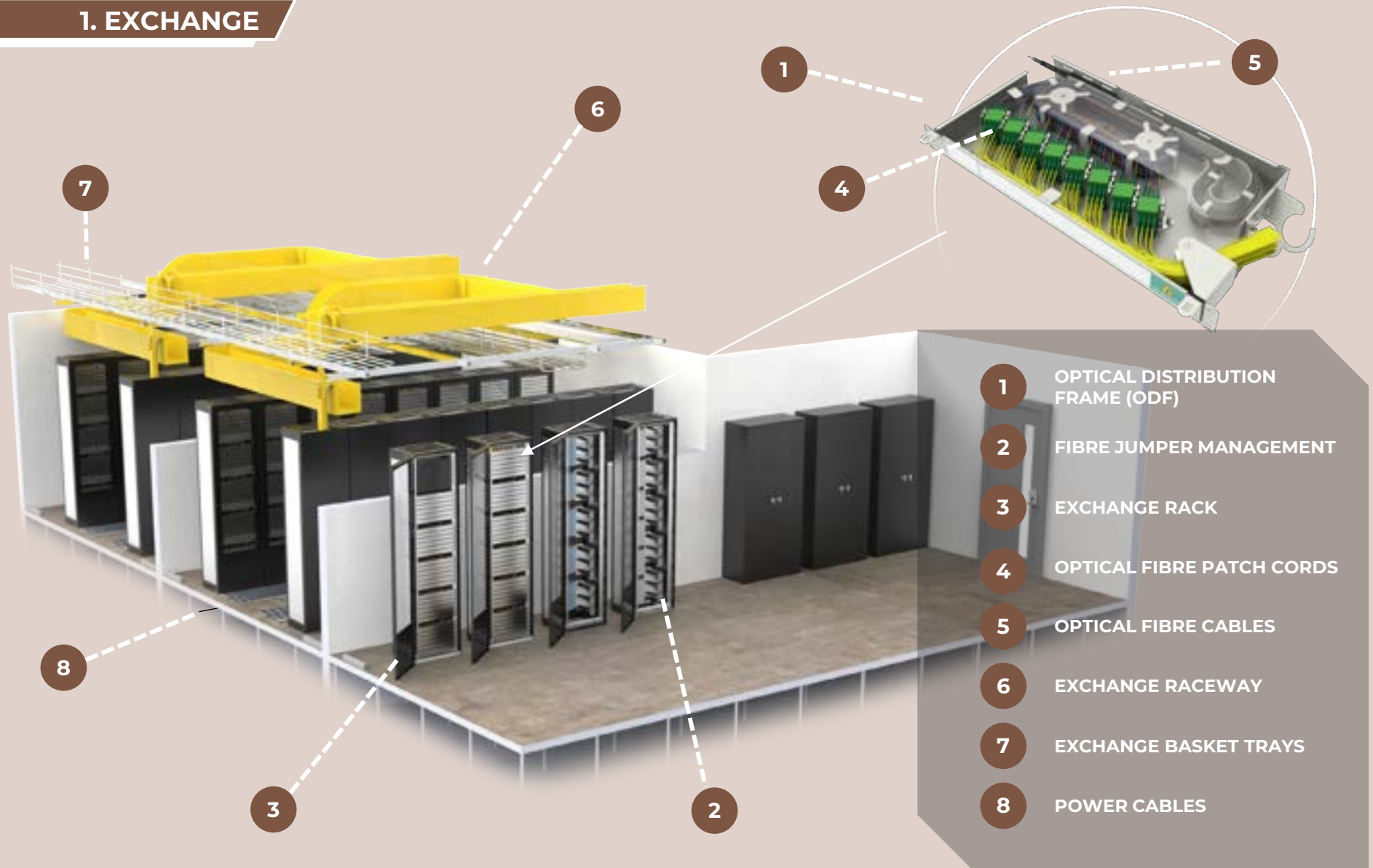
- 1. Exchange
- 2. Underground
- 3. Aerial
- 4. SMDU/ Facade
- 5. SDU
- 6. MDU
- 7. Tools & Accessories

Copper Access + Legacy Products

FIBRE TO THE HOME

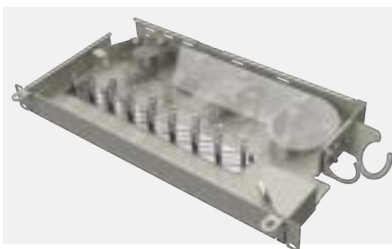


1. EXCHANGE



1. EXCHANGE

1. OPTICAL DISTRIBUTION FRAME (ODF)



CODE

1.1.1

19inch 1RU (Pivot)

High density 1RU patching panel with a max capacity of 96f LC/APC, 900um overlength management and splice repair provisioning for incoming cables.

- 19inch 1RU Patch Panel
- 96f LC/APC max port capacity
- LC-APC Single Element Traceability Port Holders
- 96f 900um overlength manager with Perspex cover for protection
- 12f max splice capacity (for single element repair insurance)
- Extendable, pivoting tray to allow easy access to all ports
- Cable exit bend radius manager



CODE

1.1.4

48 Port (Telescopic Draw)

The 48f adapter only LCAPC FOPP allows for a total of 48 outgoing jumpers.

- Central bend manager allows for overlength storage before connecting to the duplex LC/APC adapters
- 4 separate grommet locations with strain relief points in front of them allow for additional security
- Pull tabs enable much easier opening/closing of the tray



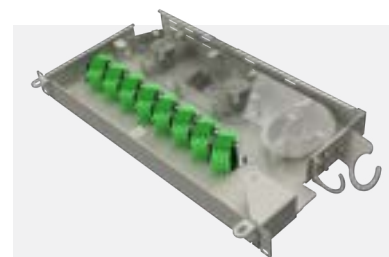
CODE

1.1.2

19inch 1RU Patch

High density 1RU patching panel with a max capacity of 96f LC/APC (x8 stacks of 3 quadplex).

- 19inch 1RU Patch Panel
- 96f LC/APC max port capacity
- LC-APC Single Element Traceability Port Holders
- Optimised fibre management for quick and easy patching

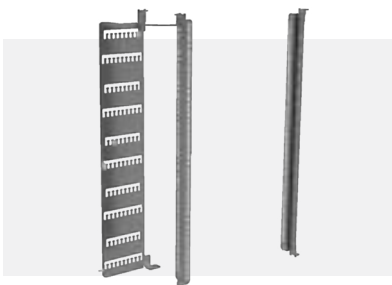


CODE

1.1.5

96f Adapter only Shelf

Identical to 1.1.1 with x96 LC/APC quad adapters pre-installed



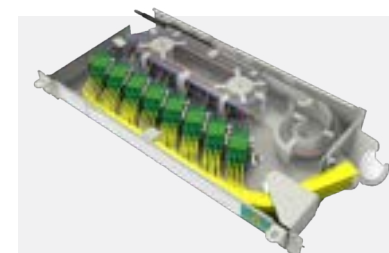
CODE

1.1.3

Rack System – 19inch 1RU

Stainless Steel 19inch rack system allows ODF equipment to be mounted into any existing or new cabinet.

- 19inch 1RU racking (tailorable to install requirements – RU capacity and overall length)
- Mounting brackets allow 19inch frame to be bolted into any existing cabinet solution
- Integrated strain relief plates for incoming and exiting cable can be bolted onto the frame with additional brackets



CODE

1.1.6

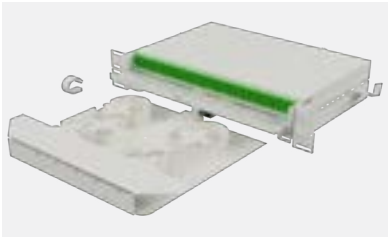
96f Pre-tailed Fibre Shelf

High density 1RU patching panel with a max capacity of 96f LC/APC with 900um overlength management and splice repair provisioning for incoming cables.

- Same as 1.1.1 and 1.1.5 but additionally has a pre-connectorised 96f LC/APC UG duct cable pre-installed for fast deployment.

1. EXCHANGE

1. OPTICAL DISTRIBUTION FRAME (ODF)

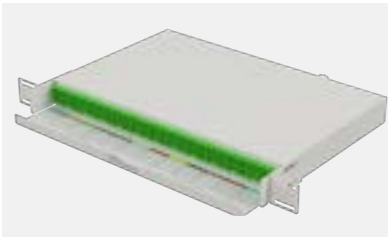


Overlength Manager Shelf

- Telescopic shelf
- 19inch mounting bracket
- Overlength jumper managers
- Overlength management offset

CODE

1.1.7



144 Port 1RU Shelf

- 1RU 19inch panel
- 144f (x36 Quadplex) connection
- Splice, Patch and Ribbon capability
- Dimensions 335mm (L) x 435mm (W)
- Full fibre mapping aide included

CODE

1.1.8

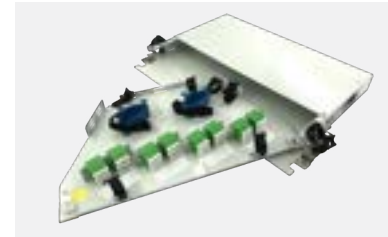


High Density 1RU Fibre Shelf

- Tray fixing magnet
- Tray lies flat on panel base
- Tray swings outwards securely
- Perspex Cover which numbering can be added on to
- Panel Door opens out at 90 degrees

CODE

1.1.9



1RU – Patch/Patch Fibre Shelf

- Overlength spools
- 19" and 21" Bracket adapters
- Multiple Velcro points added
- x96 Quad LC/APC adapters
- New cable trumpets

CODE

1.1.10



1RU – Splice/Patch Fibre Shelf

- 48 x LC/APC Adapters: Provided at angle towards cable exit point. Note: multiple Adapter types possible. Adapter types can be changed according to Operator's requirements, i.e. SC/APC, SC/UPC, LC/APC, LC/UPC, FC/PC, ST, etc.
- Central Strength Member (CSM) Clamp: Provides strain relief on strength member (i.e. typically Aramid Yarn / FRP) of incoming cable (assuming fibres are extracted, typically done for splicing configuration).

CODE

1.1.11



1RU – MTP Connectorised Fibre Shelf

- Incoming Cable Bend Manager: Guides incoming cable into the panel compartment within acceptable bend radius
- Cable Exit Manager: Bend provided in this to ensure cable exit is within acceptable bend radius
- 19inch Mounting Bracket: Fixes panel on to standard 19-inch rack. Note: 21-inch mounting bracket included in kit contents

CODE

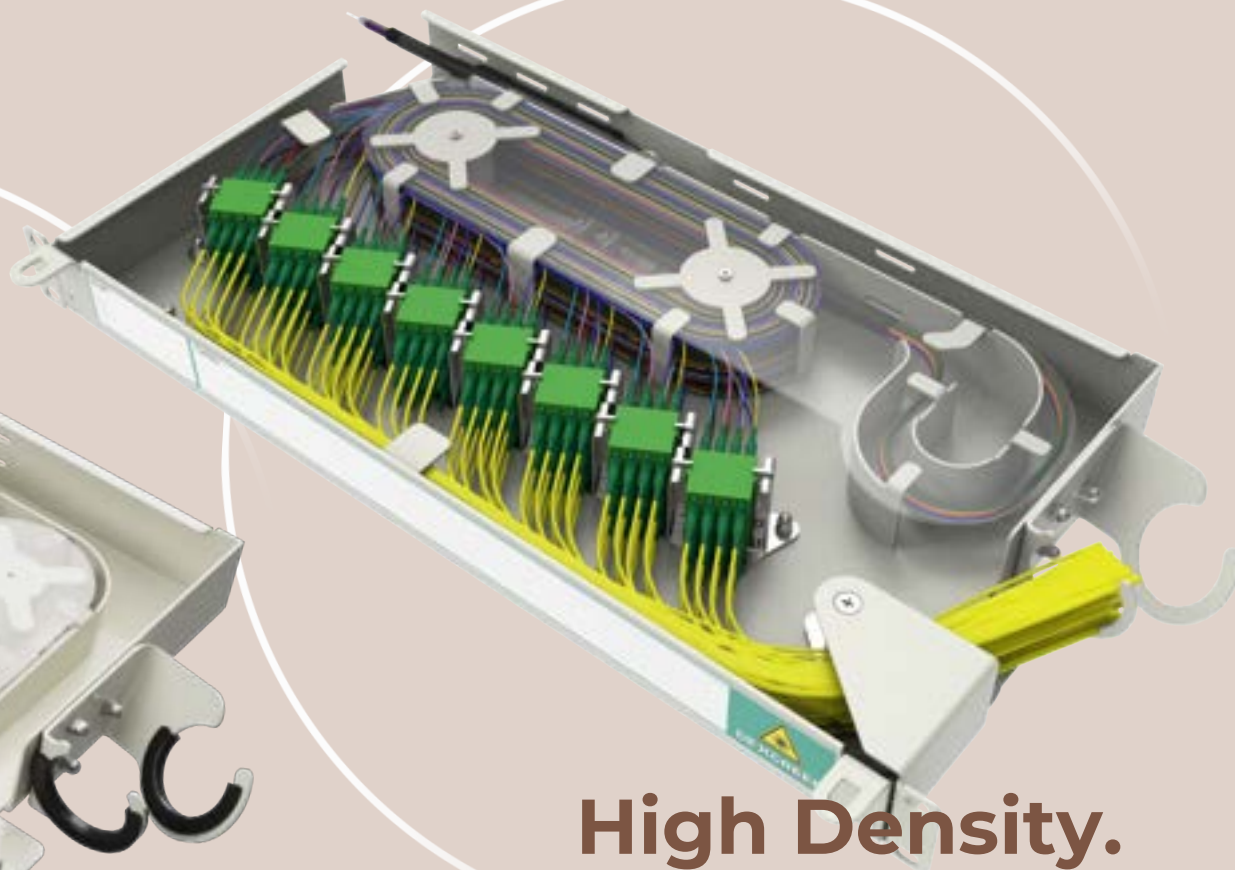
1.1.12

PRODUCT HIGHLIGHT

96f OPTICAL DISTRIBUTION FRAME

PRE-CONNECTORISED

SPLICED



**High Density.
Bespoke.
DexGreen.**

1. EXCHANGE

1. OPTICAL DISTRIBUTION FRAME (ODF)

2. FIBRE JUMPER MANAGEMENT



2RU – Splice/Patch Fibre Shelf

- Fixing Tether: Used to secure pivoting compartment to main panel body
- Pivot Point: Enables panel to be pivoted left or right-hand side. Note: M6*20 Screw, with 2 x washers, 1x locking washer, 1 x M6 Flange Nut
- x96 Duplex LC/APC adaptors
- x96 fibre splice capacity with 900um overlength management trays
- Multiple entry and exit directions to suit an installation scenario

CODE

1.1.13



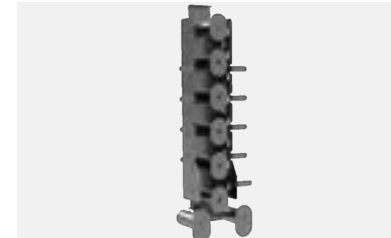
96f Splice/ Patch Panel

High density 1RU patching panel with a max capacity of 96f LC/APC, x8 12f splicing trays and overlength management for both 900um and 250um cable for optimum management.

- 19inch 1RU Patch Panel
- 96f LC/APC max port capacity
- LC-APC Single Element Traceability Port Holders
- 96f 900um overlength manager with Perspex cover for protection
- X8 12f Splice Trays (96f max splice capacity)
- Extendable, pivoting tray to allow easy access to all ports
- Cable exit bend radius manager
- 483x280.5x42.5mm (WxDxH)

CODE

1.1.14



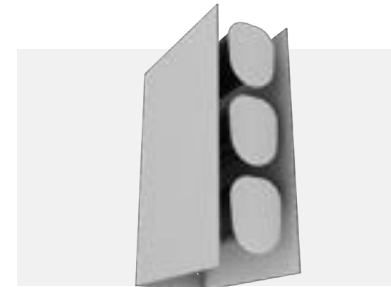
Jumper Management (Large)

Stainless Steel jumper management system, tailorable to your patching capacity requirements. This system is designed to ensure that any exchange can be neatly patched, allowing for single element tracing.

- 60mm Overlength Spools
- Overlength guards positioned to ensure patch cords are routed correctly through management
- Adjustable mounting brackets allow management to be bolted into any existing exchange cabinet

CODE

1.2.1



Jumper Management (Small)

- 3x spool cable management

CODE

1.2.2



2RU – Slack Storage Overlength Shelf

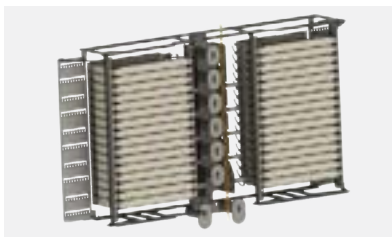
- Cable Bend Radius Manager: Guides patch cords into the panel compartment within acceptable bend radius
- 19inch Mounting Bracket: Fixes panel on to standard 19-inch rack. Note: 21-inch mounting bracket included in kit contents.
- Multiple entry and exit directions to suit any installation scenario

CODE

1.2.3

1. EXCHANGE

3. EXCHANGE RACK



42RU Fibre Management Rack

Stainless Steel 19-inch rack system allows ODF equipment to be mounted into any existing or new cabinet. 19-inch 1RU racking (tailorable to install requirements – RU capacity and overall length).

Mounting brackets allow 19inch frame to be bolted into any existing cabinet solution. Integrated strain relief plates for incoming and exiting cable can be bolted onto the frame with additional brackets

CODE

1.3.1



Universal Cabinet

- Dimensions: 300x600x2200mm
- Transparent Door
- Tailorable RAL colour
- Cable Strain Relief
- Flat Pack Assembly
- 5x Block Capacity
- Slack Spools

CODE

1.3.2



Compact Fibre Node Rack (300x600mm)

- Patching rack contains 1RU 96F ODF's and 2RU slack storage panels
- Total capacity is 2400LC (5x1RU96F LC trays + 1 x 2RU slack storage trays x 5 sets)
- Rack footprint is equal to 400x600x2200mm (DxWxH)
- Optimal patch cord length is 3M. i.e. Patch cord must get from the top tray to bottom tray in the rack

CODE

1.3.3



Universal Exchange Rack (300x1200x2200mm)

- Modular internal rack mounts allow for a variety of panels and overlength managers to be installed and used within the footprint of the frame
- Removable Side panels enable greater accessibility for the operator during initial population / future maintenance. Panels can also be removed allowing two or more frames to be joined together depending on application

CODE

1.3.4

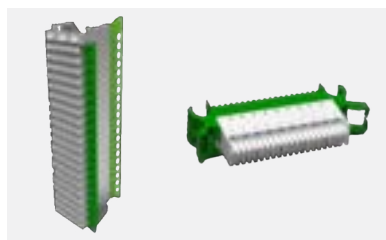


High Density Exchange Block

- Removable Adapter Holders / Cassettes at front plate – Adapter Holders are removable, this gives the installer flexibility to remove complete adapters
- Left or Right Hand Mounting: The same DEX-OMX block can be mounted on left-hand side or right-hand side. Completely symmetrical design
- Jumper Management: Jumper rings provided at side to safely manage outgoing patch cord jumpers within their acceptable bend radius, Velcro fixing provided to fix jumpers in place

CODE

1.3.5



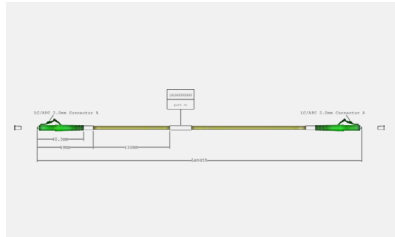
MDF Blocks

- Application: The main distribution system 71/17 is intended for extensions, replacement or reinstallation of main distribution frame 71
- Features: Compact disconnect blocks to 100 pairs (20 x 5 pairs) generally with a possibility to install a permanent, rear overvoltage protection. Contact version as LSA-disconnect contact, silver plated spring contact with 45 contact position to the wire for double wiring

CODE

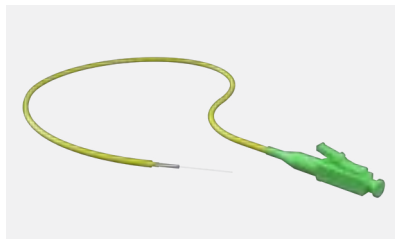
1.3.6

1. EXCHANGE



CODE

1.4.1



CODE

1.4.2

4. OPTICAL FIBRE PATCH CORDS

LC/APC to LA/APC 1.8mm

1.8mm cable diameter LC-APC to LC/APC ITU-T G.657.42 yellow colored LSZH jacket.

- Optimised small cable diameter for high density patching scenarios
- Tailorable cable lengths possible to suit any scenario requirement
- Can be provided with short or long boot depending on installation preference
- Multiple different connectors available

Single Fibre Patch Cords

- Multiple Connector Types: i.e. SC/APC; SC/UPC; LC/APC; LC/UPC; FC/PC; etc.
- Multiple Ordering Configurations Available: Cable Diameter; Boot length; Colour; Sheathing Material; etc.

5. OPTICAL FIBRE CABLES



Connectorised Multicore Optical Fibre Tie Cables

DexGreen has a track record of producing reliable Connectorised Multicore Optical Fibre Tie Cables for a number of large carriers globally. Our tie cables can be fully tailored to your requirements including (but not limited to); connector type, cable specification, breakout lengths, gas-blocking and more!

Example left: 96f LC/APC UG gas blocked tie cable

CODE

1.5.1

Need Something Custom?

We offer bespoke solutions and would be happy to tailor products to your needs.

For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

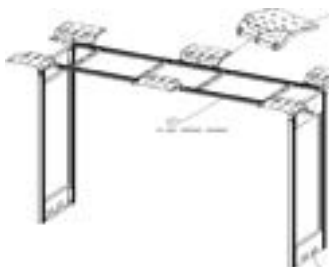
Or scan this QR code

We look forward to discussing your fibre requirements



1. EXCHANGE

6. EXCHANGE RACEWAY



RACSS 1 Bay Start of Suite Module L1 Kit

CODE 1.6.1

RACSS 2 Bay Start of Suite Module L2 Kit

CODE 1.6.2

RACSS 3 Bay Start of Suite Module L3 Kit

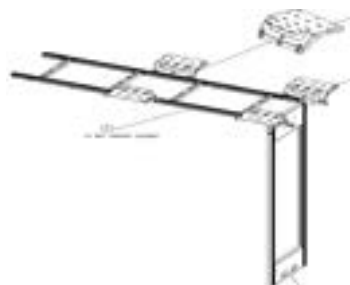
CODE 1.6.3

RACSS 4 Bay Start of Suite Module L4 Kit

CODE 1.6.4

RACSS 5 Bay Start of Suite Module L5 Kit

CODE 1.6.5



RACSS 1 Bay Intermediate Module L1 Kit

CODE 1.6.6

RACSS 2 Bay Intermediate Module L2 Kit

CODE 1.6.7

RACSS 3 Bay Intermediate Module L3 Kit

CODE 1.6.8

RACSS 4 Bay Intermediate Module L4 Kit

CODE 1.6.9

RACSS 5 Bay Intermediate Module L5 Kit

CODE 1.6.10



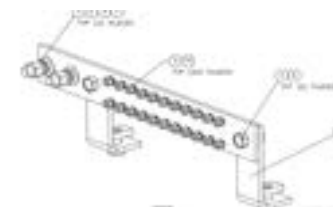
Raceway Support Bracket

CODE 1.6.11



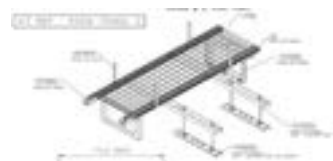
Offset Bracket for Support Bracket

CODE 1.6.12



RACSS EARTH BAR KT

CODE 1.6.13



RACSS Transverse Bracket/ strut kit(incl runway arms)

CODE 1.6.14

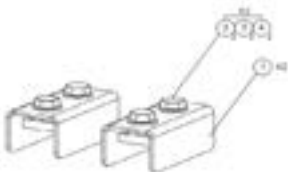


RACSS Transverse Mid Kit

CODE 1.6.15

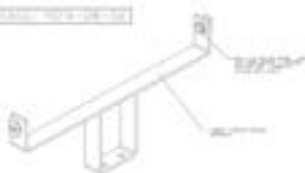
1. EXCHANGE

6. EXCHANGE RACEWAY



RACSS Transverse joint Kit

CODE 1.6.16



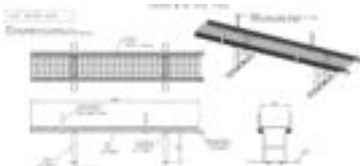
RACSS DWDM Cabinet support Bracket Kit

CODE 1.6.17



RACSS Raceway support arm inter suite

CODE 1.6.18



RACSS Suiteline high level runway kit 1.8m

CODE 1.6.19



RACSS Fiat L joint bracket kit

CODE 1.6.20



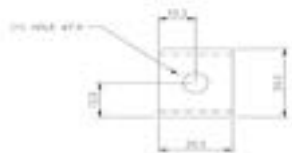
External upright supports

CODE 1.6.21



Island T Interface Bracket

CODE 1.6.22



Clamp Bracket

CODE 1.6.23



NGF RACCS Brackets

CODE 1.6.24

1. EXCHANGE

6. EXCHANGE RACEWAY



VERTICAL TEES

CODE 1.6.25



STRAIGHT DUCT LENGTHS

CODE 1.6.33



HORIZONTAL TEES

CODE 1.6.35



HORIZONTAL ELBOWS

CODE 1.6.26



REDUCERS

CODE 1.6.34



HORIZONTAL CROSSES

CODE 1.6.36



JOINERS

CODE 1.6.27



VERTICAL ELBOWS

CODE 1.6.28



TUBING

CODE 1.6.29



APAPTORS

CODE 1.6.30



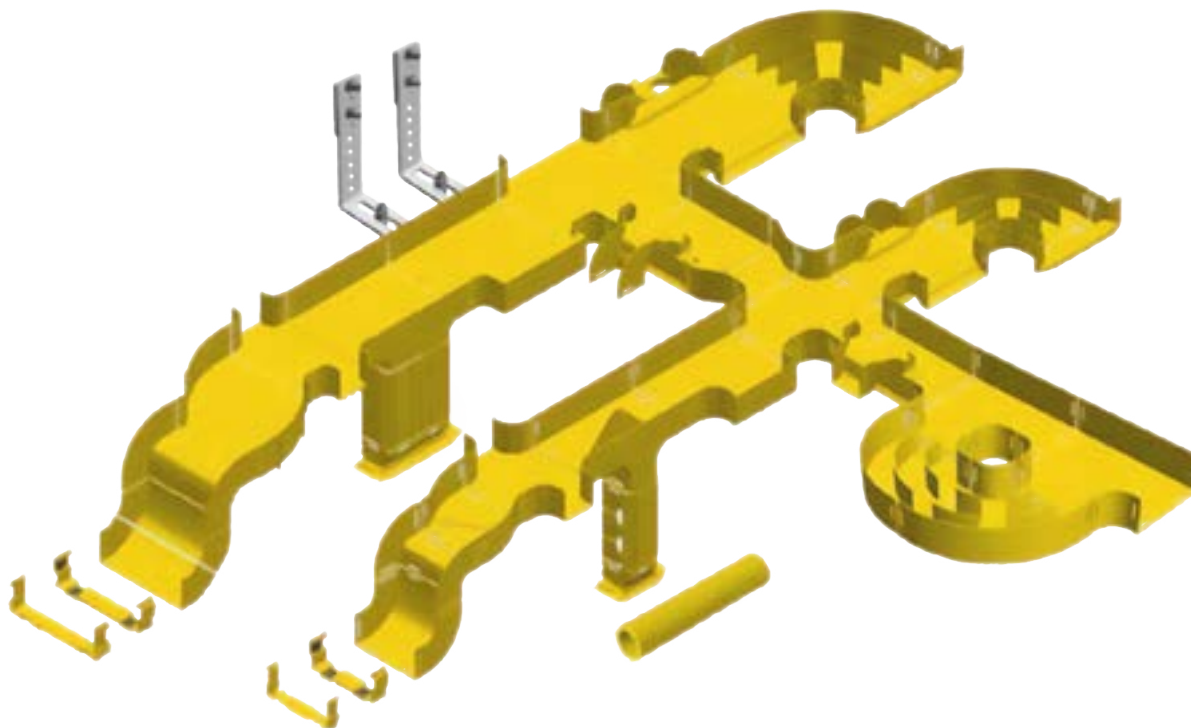
END CAPS

CODE 1.6.31



FIBRE STORAGE LOOPS

CODE 1.6.32



1. EXCHANGE

7. EXCHANGE BASKET TRAYS

WIRE MESH TRAYS

CODE	1.7.1
------	-------

SUPPORT BAR

CODE	1.7.2
------	-------

CANTILEVER WALL BRACKET

CODE	1.7.3
------	-------

CABINET TOP STAND

CODE	1.7.4
------	-------

RETURNED FLAG BRACKET

CODE	1.7.5
------	-------

FLAG TYPE FLOOR STAND

CODE	1.7.6
------	-------

STRENGHT BAR

CODE	1.7.7
------	-------

SPIDER BRACKET

CODE	1.7.8
------	-------

CABLE GUIDER

CODE	1.7.9
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RUBBER CAP

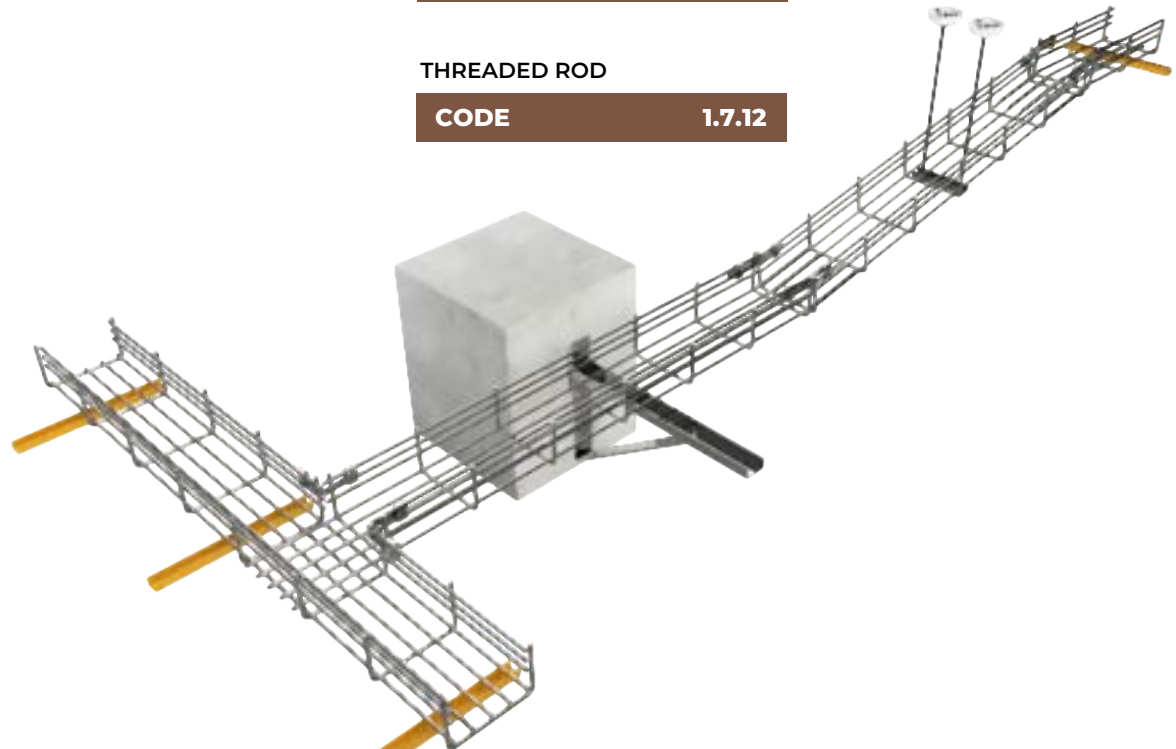
CODE	1.7.10
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FASTENERS / FIXINGS

CODE	1.7.11
------	--------

THREADED ROD

CODE	1.7.12
------	--------



1. EXCHANGE

7. EXCHANGE BASKET TRAYS



Wire mesh cable tray, CM50-150-3000-5.0-EZ

CODE 1.7.13

Wire mesh cable tray, CM50-250-3000-5.0- EZ

CODE 1.7.14

Wire mesh cable tray, CM50-350-3000-5.0- EZ

CODE 1.7.15

Wire mesh cable tray, CM50-350-3000-5.0- EZ

CODE 1.7.16



Wire mesh cable tray, CM100-350-3000-5.0-EZ

CODE 1.7.17

Wire mesh cable tray, CM100-450-3000- 5.0-EZ

CODE 1.7.18

Wire mesh cable tray, CM50-75-3000-5.0- EZ

CODE 1.7.19

Wire mesh cable tray, CM50-450-3000-5.0- EZ

CODE 1.7.20



ΩBAR,PJ-ΩBR150-EZ

CODE 1.7.21

ΩBAR,PJ-ΩBR250-EZ

CODE 1.7.22

ΩBAR,PJ-ΩBR350-EZ

CODE 1.7.23

ΩBAR,PJ-ΩBR450-EZ

CODE 1.7.24



C Channel with KSK.
Fast fixing for 150mm tray

CODE 1.7.25

C Channel with KSK.
Fast fixing for 250mm tray

CODE 1.7.26

C Channel with KSK.
Fast fixing for 350mm tray

CODE 1.7.27

C Channel with KSK.
Fast fixing for 450mm tray

CODE 1.7.28

1. EXCHANGE

7. EXCHANGE BASKET TRAYS



THREADED ROD, TY-ROD-M12x1000-

CODE 1.7.29

TY-ROD-M10x1000-EZ

CODE 1.7.30

THREADED ROD, TY- ROD-M10x2000-EZ

CODE 1.7.31



WALL BRACKET, PJ- WBK150-EZ

CODE 1.7.32



WALL BRACKET, PJ- WBK250-EZ

CODE 1.7.33

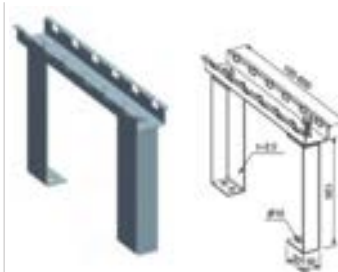


CANTILEVER WALL BRACKET,PJ-
CWB350- EZ

CODE 1.7.34

CANTILEVER WALL BRACKET,PJ-
CWB450- EZ

CODE 1.7.35



CABINET TOP STAND,PJ-EFS150- EZ- SET

CODE 1.7.36



PJ-EFS250-EZ-SET

CODE 1.7.37



PJ-EFS350-EZ-SET

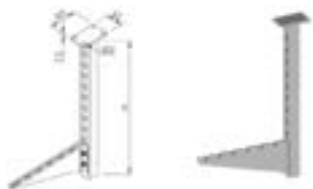
CODE 1.7.38

PJ-EFS450-EZ-SET

CODE 1.7.39

1. EXCHANGE

7. EXCHANGE BASKET TRAYS



RETURNED FLAG BRACKET,PJ- RFB150-EZ-SET

CODE 1.7.40



RETURNED FLAG BRACKET,PJ- RFB250-EZ-SET

CODE 1.7.41

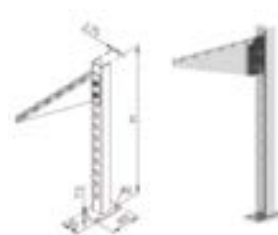
RETURNED FLAG BRACKET,PJ- RFB350-EZ-SET

CODE 1.7.42



RETURNED FLAG BRACKET,PJ- RFB450- EZ-SET

CODE 1.7.43



FLAG TYPE FLOOR STAND,PJ- FFS150-EZ- SET

CODE 1.7.44



FLAG TYPE FLOOR STAND,PJ- FFS250-EZ- SET

CODE 1.7.45

FLAG TYPE FLOOR STAND,PJ- FFS350-EZ- SET

CODE 1.7.46



FLAG TYPE FLOOR STAND,PJ- FFS450-EZ- SET

CODE 1.7.47

1. EXCHANGE

7. EXCHANGE BASKET TRAYS



STRENGTH BAR,PJ- SBR-EZ-SET

CODE

1.7.48



CORNER STRENGTH BAR,PJ- CSB-EZ-SET

CODE

1.7.49



SPIDER BRACKET,PJ- MLK-EZ

CODE

1.7.50



SPIDER BRACKET,PJ- SPB-EZ

CODE

1.7.51



CABLE GUIDER,PJ-CGD-EZ

CODE

1.7.52



Cable Guider -Radius limiter
B34/120, B34/220, B34/320, B34/422

CODE

1.7.53

1. EXCHANGE

7. EXCHANGE BASKET TRAYS



RUBBER CAP,PJ-CAP- 5.0-PT
B32 5mm(100)

CODE 1.7.54



RUBBER CAP,PJ-CAP- 5.0-PT
B32 6mm(100)

CODE 1.7.55



COUPLER,PJ-KK34-EZ- SET

CODE 1.7.56



CUT ANCHOR SET

CODE 1.7.57



FLANGE NUT, TY- FBOLT-M8x20-EZ

CODE 1.7.58



RACSS 1 Bay Start of Suit Module L1 Kit

CODE 1.7.59



RACSS 1 Bay Start of Suit Module L1 Kit

CODE 1.7.60

RACSS 1 Bay Start of Suit Module L1 Kit

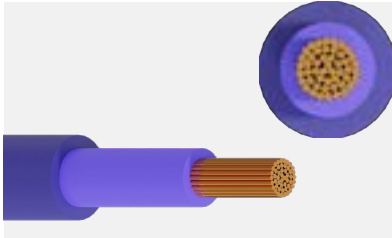
CODE 1.7.61

RACSS 1 Bay Start of Suit Module L1 Kit

CODE 1.7.62

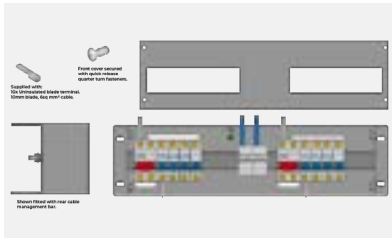
1. EXCHANGE

8. POWER CABLES



Power Cables – Various Configurations

Suitable for D.C power supplies on telecom equipment and power applications when flexibility is required.

CODE
1.8.1


Power Distribution Unit

- Case Profile: 19" 3u 185mm deep
- Case Material: Mild steel
- Finish: RAL7035 Grey powder coat

CODE
1.8.2

Want More Information?

Our sales team would be happy to discuss product solutions with you!

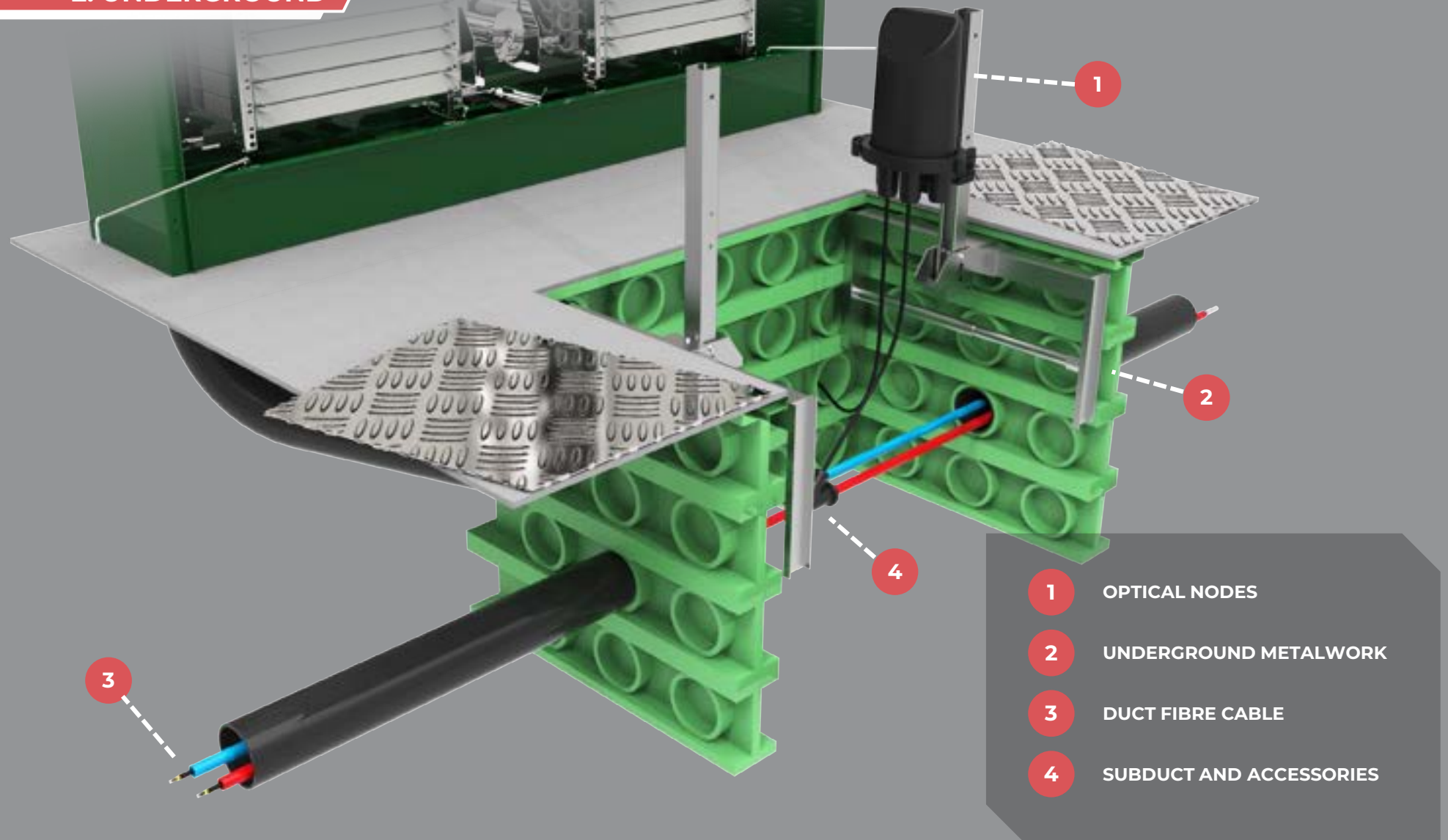
For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

Or scan this QR code

We look forward to discussing your fibre requirements



2. UNDERGROUND



2. UNDERGROUND

1. OPTICAL NODES



CODE

2.1.1

Extra Small Node - 2.2mm LT - 96f

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

298mm (H) x 234mm (L) x 160mm (W)



CODE

2.1.2

Small Node- 2.2mm LT - 144f

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

328mm (H) x 234mm (L) x 160mm (W)



CODE

2.1.3

Small Node Ribbon - 216f Ribbon + 24f SE Hybrid

Identical to 2.1.2 with the exception of tray design

6 tray Ribbon Hybrid = 3 x Ribbon + 4 x SE allowing for 216f ribbon & 24f Single Element fibre capacity



CODE

2.1.4

Medium Node - 2.2mm LT - 288f

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

418mm (H) x 234mm (L) x 160mm (W)



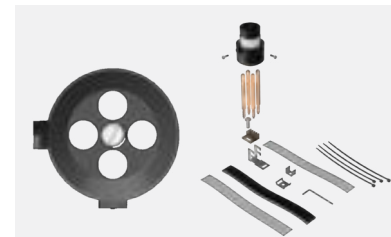
CODE

2.1.5

Medium Node Ribbon - 432f Ribbon + 48f SE Hybrid

Identical to 2.1.4 with the exception of tray design

12 tray Ribbon Hybrid = 3 x Ribbon + 4 x SE allowing for 432f ribbon & 48f Single Element fibre capacity



CODE

2.1.6

Circular Port Kits - 4 x 8mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs.

- Suitable for 4.5 - 8.5mm cable
- 4 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Permits re-entry into the closure without breaking the drop seals
- Easy installation - no special tools required

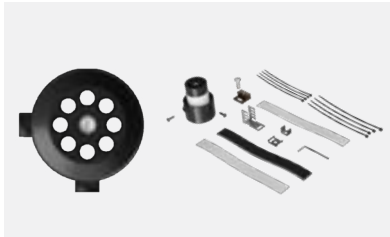


Compact. Intuitive. DexGreen.

TRAY OPTIONS		XS	S	M	
A	 LT-SE	2x 4 tray	3x 4 tray	6x 4 tray	
B	 RIBBON/HYBRID	2x 2 tray	3x 2 tray	6x 2 tray	
PORT OPTIONS					
C	 CIRCULAR	4X 8MM	8X 6MM	2X12MM	1X 20MM
D	 OVAL	2X 14MM			

2. UNDERGROUND

1. OPTICAL NODES



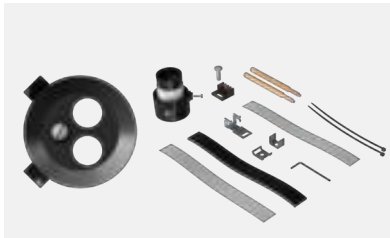
Circular Port Kits - 8 x 6mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 3 - 6.5mm
- 8 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation – no special tools required

CODE

2.1.7



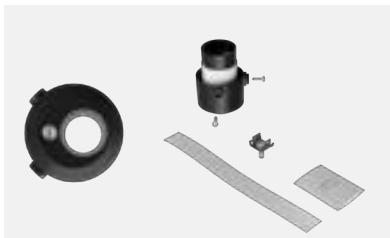
Circular Port Kits - 2 x 12mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 8 - 12.5mm
- 2 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation – no special tools required

CODE

2.1.8



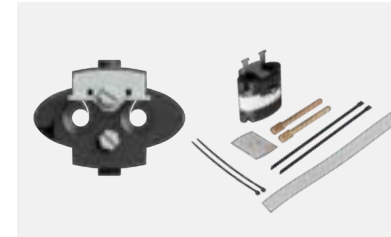
Circular Port Kits - 1 x 20mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 15 - 20.5mm cable
- 1 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Permits re-entry into the closure without breaking the drop seals
- Easy installation – no special tools required

CODE

2.1.9



Oval Port Kit - 2 x 14mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 7 - 16.5mm
- 2 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation – no special tools required

CODE

2.1.10



Pole / Wall Mounting Kit

Mounting kit to allow for small and medium joint closures to be mounted onto a pole.

- 1 x Pole Mounting Cradle
- 2x Split Pins retained by Metal Chain

CODE

2.1.11



Mobra Arm Mounting Kit

Mounting kit to allow for small and medium joint closures to be mounted onto a Mobra arm.

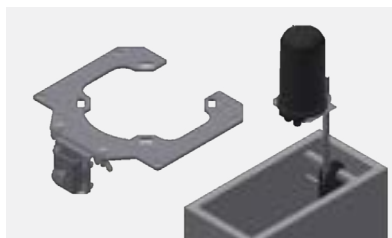
- 1 x Mobra Mounting Cradle
- 1x Split Pin retained by Metal Chain
- 1x Metal pin retained by Metal Chain

CODE

2.1.12

2. UNDERGROUND

1. OPTICAL NODES



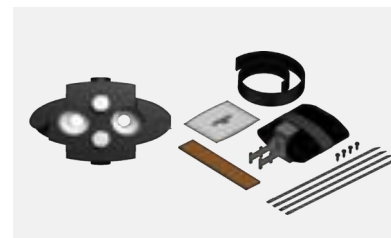
Mounting brackets - Large / Extra Large

Mounting kit to allow for large and extra large nodes to be mounted to the Mobra arm

Mounting Bracket
Clamp
Fixing bolt
Wings nuts and bolts

CODE

2.1.13



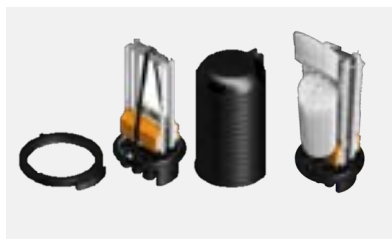
Large Oval Ports

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs.

- Suitable for 7 - 16.5mm
- 2 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation - no special tools required

CODE

2.1.16



Large Fibre Node

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

505mm (H) x 320mm (L) x 320mm (W)

CODE

2.1.14



Single Element Fibre Trays

- 12f splice capacity per tray
- 4 trays provided per pack
- High density loose tube tray
- Compliant with standard splice protectors
- Overlength storage and bend management within tray
- Hinge allows tray to rotate and lock in place to access trays below

CODE

2.1.17



Extra Large Fibre Node

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

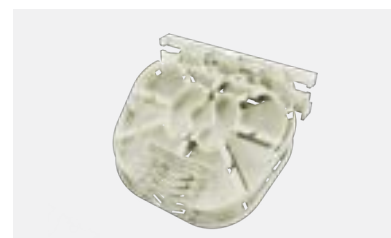
Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

638mm (H) x 320mm (L) x 320mm (W)

CODE

2.1.15



Hybrid Ribbon Fibre Trays

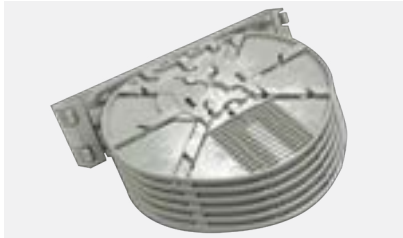
- 3 ribbons per tray
- 2 trays provided per pack
- High density ribbon tray
- Compliant with standard splice protectors
- Overlength storage and bend management within tray
- Hinge allows tray to rotate and lock in place to access trays below

CODE

2.1.18

2. UNDERGROUND

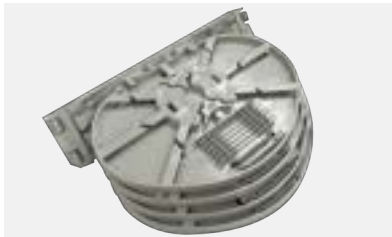
1. OPTICAL NODES



L/XL SE Splice Tray

6x Single Element splice trays compatible with the Large & X-Large optical fibre nodes.

Each tray allows for 12x splices

CODE**2.1.19**

L/XL Hybrid Ribbon Splice Tray

4x Hybrid Ribbon splice trays compatible with the Large & X-Large optical fibre nodes.

Each tray allows for 8x SE splices and 2x Ribbon mass fusion splices

CODE**2.1.20**

Need Something Custom?

We offer bespoke solutions and would be happy to tailor products to your needs.

For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

Or scan this QR code

We look forward to discussing your fibre requirements



2. UNDERGROUND

2. METALWORK



Underground metal brackets

Used in underground chambers for securing items in concrete or block chambers
Securing bolts/ pins/ rawl bolt are included

Material – EN/ BS1461 Galvanised Iron

CODE

2.2.1



Sump Hole Grating

- Sump hole grating for use in underground chambers.
- Manufactured from Ductile Iron.
- Standard size available (range of options).
- Material: Ductile Iron.
- Finish: All sharp edges to be removed.
- Marking: Manufacturer's code letter and last two figures of Gregorian year of manufacture shall be marked on item.

CODE

2.2.2

Want More Information?

Our sales team would be happy to discuss product solutions with you!

For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

Or scan this QR code

We look forward to discussing your fibre requirements



2. UNDERGROUND

3. DUCT FIBRE CABLE



Blown Fibre cable - Multicore

Round profile UG cable containing modular tubes of 12 fibres
 Suitable for blowing / pulling in ducts under defined conditions
 due to excellent mechanical performance

Material – UV stabilised HDPE (Black)
 Diameter – Varies with Fibre Counts 6-8.2mm

Structure
 Ripcord
 Binding Yarn Central Strength Member
 Compact Modular Tubes

- 12 fibres per module
- Easy tear micromodules
- Loose tube construction with filling gel
- Fibre type – ITU-T G.657.A1

CODE

2.3.1

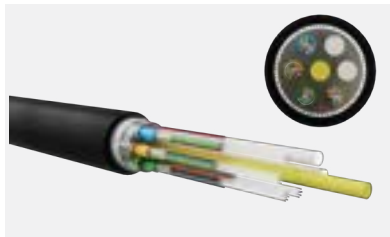


Pulling Fibre cable – Multicore 24f

Robust high strength cable available in multiple fibre counts
 Central strength member and tough HDPE jacket allow for cable
 to be pulled within ducts using existing pulling techniques

CODE

2.3.2

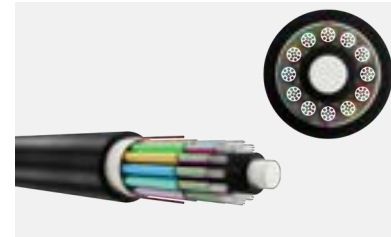


Pulling Fibre cable – Multicore 48f

Robust high strength cable available in multiple fibre counts
 Central strength member and tough HDPE jacket allow for cable
 to be pulled within ducts using existing pulling techniques

CODE

2.3.3

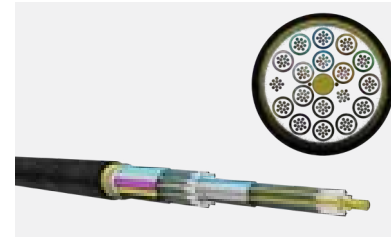


Pulling Fibre cable – Multicore 144f

Robust high strength cable available in multiple fibre
 counts
 Central strength member and tough HDPE jacket allow
 for cable to be pulled within ducts using existing pulling
 techniques

CODE

2.3.4



Pulling Fibre cable – Multicore 432f

Robust high strength cable available in multiple fibre
 counts
 Central strength member and tough HDPE jacket allow
 for cable to be pulled within ducts using existing pulling
 techniques

CODE

2.3.5

2. UNDERGROUND

4. SUBDUCT & ACCESSORIES

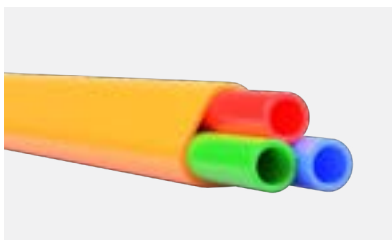


Single Subduct - various sizes

Microducts are designed for long term protection of fiber optical cables. Direct Bury (DB) type of microducts are products that attain their mechanical robustness and functional performance through their thick walls and need no further protection at underground installations.

CODE

2.4.1



Triplex Subduct

Microducts are designed for long term protection of fiber optical cables. Direct Bury (DB) type of microducts are products that attain their mechanical robustness and functional performance through their thick walls and need no further protection at underground installations.

CODE

2.4.2



End Caps - various sizes

The end cap for permanent or temporarily sealing of unused microducts to prevent obstacles such as water, mud, dust etc. The body is transparent for easy fault location and fix the problem easily during installation

CODE

2.4.3



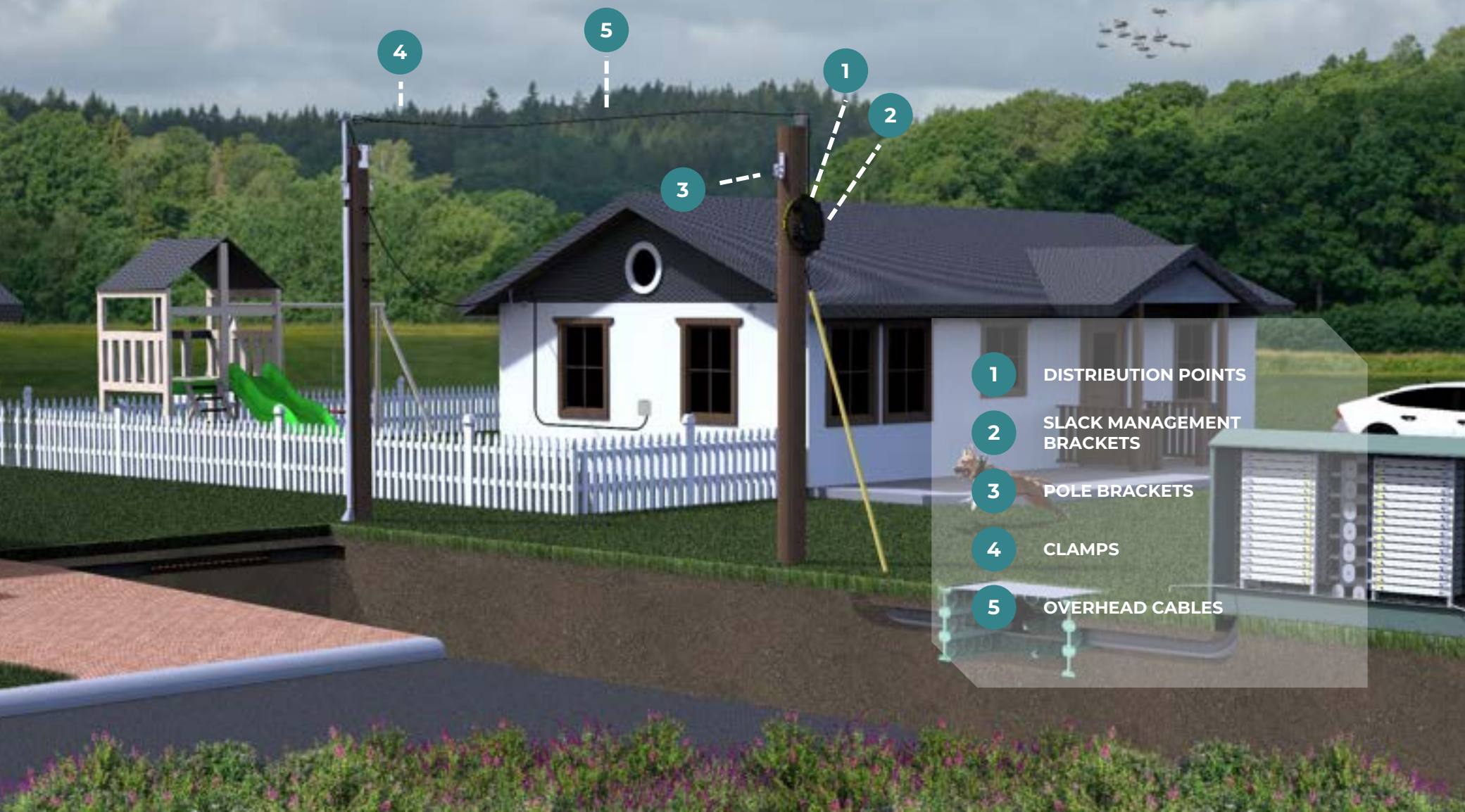
Gasblock Connectors

The Push-fit straight connectors manufactured with high quality materials and transparent body assure easy and quick installation

CODE

2.4.4

3. AERIAL NETWORK



1 DISTRIBUTION POINTS

2 SLACK MANAGEMENT
BRACKETS

3 POLE BRACKETS

4 CLAMPS

5 OVERHEAD CABLES

3. AERIAL NETWORK

1. DISTRIBUTION POINTS



CODE

3.1.1

Extra Small Node - 2.2mm LT - 96f

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

298mm (H) x 234mm (L) x 160mm (W)



CODE

3.1.2

Small Node- 2.2mm LT - 144f

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

328mm (H) x 234mm (L) x 160mm (W)



CODE

3.1.3

Small Node Ribbon - 216f Ribbon + 24f SE Hybrid

Identical to 2.1.2 with the exception of tray design

6 tray Ribbon Hybrid = 3 x Ribbon + 4 x SE allowing for 216f ribbon & 24f Single Element fibre capacity



CODE

3.1.4

Medium Node - 2.2mm LT - 288f

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

418mm (H) x 234mm (L) x 160mm (W)



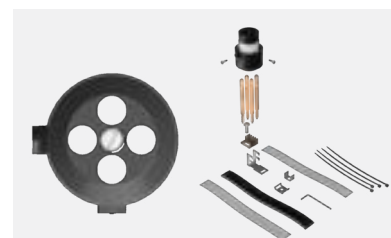
CODE

3.1.5

Medium Node Ribbon - 432f Ribbon + 48f SE Hybrid

Identical to 2.1.4 with the exception of tray design

12 tray Ribbon Hybrid = 3 x Ribbon + 4 x SE allowing for 432f ribbon & 48f Single Element fibre capacity



CODE

3.1.6

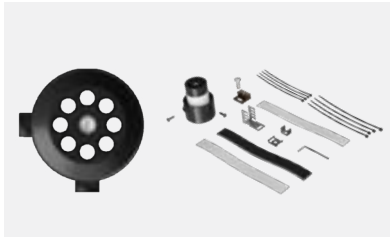
Circular Port Kits - 4 x 8mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs.

- Suitable for 4.5 - 8.5mm cable
- 4 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Permits re-entry into the closure without breaking the drop seals
- Easy installation - no special tools required

3. AERIAL NETWORK

1. DISTRIBUTION POINTS



Circular Port Kits - 8 x 6mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 3 - 6.5mm
- 8 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation – no special tools required

CODE

3.1.7



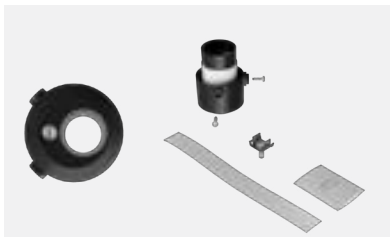
Circular Port Kits - 2 x 12mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 8 - 12.5mm
- 2 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation – no special tools required

CODE

3.1.8



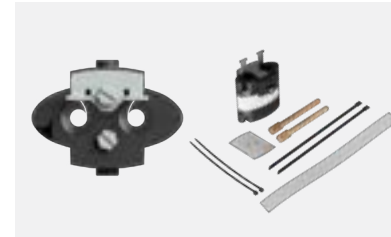
Circular Port Kits - 1 x 20mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 15 - 20.5mm cable
- 1 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Permits re-entry into the closure without breaking the drop seals
- Easy installation – no special tools required

CODE

3.1.9



Oval Port Kit - 2 x 14mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 7 - 16.5mm
- 2 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation – no special tools required

CODE

3.1.10



Pole / Wall Mounting Kit

Mounting kit to allow for small and medium joint closures to be mounted onto a Pole.

1 x Pole Mounting Cradle
2x Split Pins retained by Metal Chain

CODE

3.1.11



Mobra Arm Mounting Kit

Mounting kit to allow for small and medium joint closures to be mounted onto a Mobra arm.

1 x Mobra Mounting Cradle
1x Split Pin retained by Metal Chain
1x Metal pin retained by Metal Chain

CODE

3.1.12

3. AERIAL NETWORK

1. DISTRIBUTION POINTS



Single Element Fibre Trays

- 12f splice capacity per tray
- 4 trays provided per pack
- High density loose tube tray
- Compliant with standard splice protectors
- Overlength storage and bend management within tray
- Hinge allows a tray to rotate and lock in place to access trays below

CODE

3.1.13



Hybrid Ribbon Fibre Trays

- 3 ribbons per tray
- 2 trays provided per pack
- High density ribbon tray
- Compliant with standard splice protectors
- Overlength storage and bend management within tray
- Hinge allows a tray to rotate and lock in place to access trays below

CODE

3.1.14



UGOH

Overview: Compact Fibre Node available in splice only/patch only/Splice patch/splitter. Max splice capacity in 48f and max connector capacity is 24 port LC/APC. Designed to store splitter.
Configurations: Uniform Generic Product as a standalone accessory can cater for other FO and Copper applications in UG or OH scenarios.

CODE

3.1.15



L/XL SE Splice Tray

6x Single Element splice trays compatible with the Large & X-Large optical fibre nodes.

Each tray allows for 12x splices

CODE

3.1.16



L/XL Hybrid Ribbon Splice Tray

4x Hybrid Ribbon splice trays compatible with the Large & X-Large optical fibre nodes.

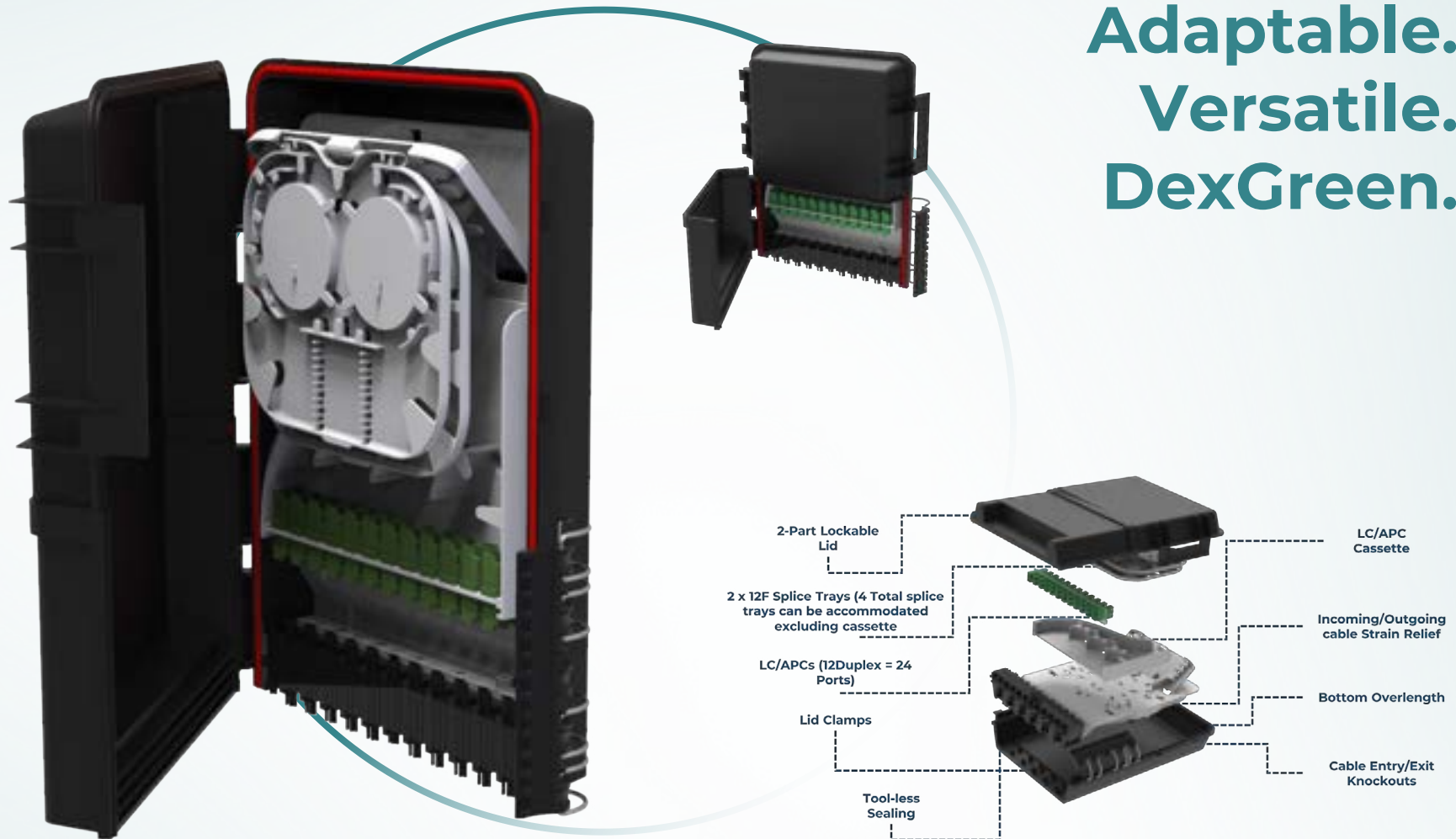
Each tray allows for 8x SE splices and 2x Ribbon mass fusion splices

CODE

3.1.17

PRODUCT HIGHLIGHT**UG OH – UNDERGROUND OVERHEAD CLOSURE**

Adaptable. Versatile. DexGreen.



3. AERIAL NETWORK

2. SLACK MANAGEMENT BRACKETS



CODE

3.2.1

Standard Slack Management Bracket

- Ease of Installation normally using Coach Screws- however bolts and banding can also be used.
- Material: Plastic Bracket UV stabilised ASA provides Optimal durability in Outside Plant Conditions.
- Main Body of SMB: Stays on Pole without the need to remove it once installed. This offers additional H & S and operational benefits - To be able to remove closure easily & safely.
- Modularity: The SMB solution can cater for a variety of scenarios relating to cable retention and slack capabilities.



CODE

3.2.4

Compact Slack Management Bracket

- Material: Plastic Bracket UV stabilised ASA provides Optimal durability in Outside Plant Conditions.
- Main Body of SMB: Stays on Pole without the need to remove it once installed. This offers additional H & S and operational benefits - To be able to remove closure easily & safely.
- Modularity: The CSMB solution can cater for a variety of scenarios relating to cable retention and slack capabilities.



CODE

3.2.2

Large Slack Management Bracket

Adjustable compact slack management bracket that can be used to store multiple cable lengths. Robust design makes the bracket resilient for deployment in multiple locations along the network. Closure Backplate included to store multiple different types of closures. Can be installed through multiple fixing mechanisms - steel bands, coach screws, bolts



CODE

3.2.5

Slack Management Backplate

- Ease Of Installation - Simply Screw Closure onto the Mini Back Plate and slot into main body of SMB or CSMB with locking pin.
- Cable Retention - Incorporated into bottom section of Plate/avoiding the need for the additional cost of retention accessories.
- Aerial and UG application - Fits on Main Body of SMB/CSMB and U/G wall of chamber.
- Material - Plastic UV stabilised ASA;



CODE

3.2.3

Universal Slack Management Bracket

Using a pivoting arm with slots allows 1 bracket to accommodate multiple enclosures. This reduces material volume (weight and cost) and quantity of components required for stock holding.

- Enclosure sits proud to allow cable to exit duct.
- Fits around 30mm ducting.
- Has a Ducting Extraction Hole.
- 4x Pivotal mounting arms.
- Overlength storage (top and bottom).



CODE

3.2.6

Mini Slack Management Backplate

- Ease Of Installation - Simply Screw Closure onto the Mini Back Plate and slot into main body of SMB or CSMB with locking pin.
- Cable Retention - Incorporated into bottom section of Plate/avoiding the need for the additional cost of retention accessories.
- Aerial and UG application - Fits on Main Body of SMB/CSMB and U/G wall of chamber.
- Material - Plastic UV stabilized ASA;

3. AERIAL NETWORK

3. POLE BRACKETS



MPB - Multi-Purpose Pole Bracket

Overview: Versatile pole bracket, which can be fitted directly over existing legacy copper pole furniture, maximising efficiency of use of existing pole furniture.

Configurations: Various sizes available.

Multipurpose bracket can be used for multiple angles

Mounting: Pole bolts, coach screws, banding. Serrated teeth enable greater retention against pole.

CODE

3.3.1



Standard Aerial Pole Extender

Overview: A standard pole extension bracket suitable for most applications

Configurations: Material: Alloy material lightweight and robust. 1 x 100mm Square Coach screw included

Mounting: Normally attached to pole using Coach Screws - 4 position available providing versatility of attaching on timber Pole; Bolts & Banding can also be used if required. Can fit over existing J hooks.

CODE

3.3.2



Large Aerial Pole Extender

Overview: A Large pole extension bracket suitable for most applications

Configurations: Material: Alloy material lightweight and robust. 1 x 100mm Square Coach screw included

Mounting: Normally attached to pole using Coach Screws - 4 position available providing versatility of attaching on timber Pole; Bolts & Banding can also be used if required. Can fit over existing J hooks.

CODE

3.3.3



Over the Top Bracket

Overview: facilitates extension above pole to facilitate road crossings.

Mounting: Pole bolts, coach screws, banding.

CODE

3.3.4



UPB - Universal Pole Bracket

Overview: Versatile pole bracket that can be deployed in a wide range of aerial network deployment scenarios.

Mounting: Pole bolts, coach screws, banding.

CODE

3.3.5



Pole Stay Set

- Designed for use with light and medium poles to increase anchoring and pole loading.
- Withstand a loading of over 45KN.
- Yellow stay guard, environmentally hardened.
- Hot dipped galvanised with no sharp edges.

CODE

3.3.6

3. AERIAL NETWORK

3. POLE BRACKETS



CODE

3.3.7

Pole Steps

- M10 coach screws can be used with these pole steps. Recommended coach screw length = 75mm.
- Conforms to BS16.
- Hot dipped galvanised with no sharp edges and designed to support a max weight of 300Kg.



CODE

3.3.10

Pole Head Ring

Overview: facilitates multiple drops in 360 degrees
Mounting: Screwed through centre of pole



CODE

3.3.8

Elephants Foot & Capping Steel

Application: used to protect cable and sub-duct from the underground as it rises up the pole.
Material: Manufactured from 2mm steel, hot dipped galvanised iron 86µm coating
Elephants Foot provided for use at Distribution Points for connecting up to 90mm ducts.
Fastening method to pole: Pre-drilled.
Includes Galvanised screws or nails to secure the capping steel to the pole.



CODE

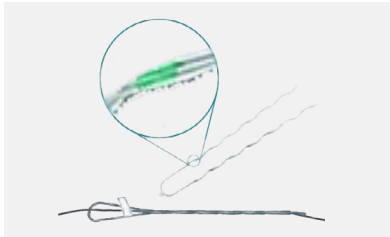
3.3.9

J-Hook

Application: Provides a suspension for 10 to 20mm aerial ADSS cables at intermediate poles on cable routes with angle < 20° on access networks (spans up to 100m).
Easily adjoins to DexGreen Aerial Extender Brackets
Material: Consists of a galvanised steel J hook and a neoprene sleeve.

3. AERIAL NETWORK

4. AERIAL CLAMPS

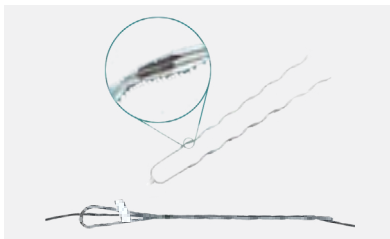


Spiral Wrap – 3mm (Green)

Overview: Hot dip galvanised steel helical dead-end clamp designed for anchoring 3.0mm round optical fibre drop cable within aerial telecommunication distribution network
 Friction coating is provided on inner wraps of clamp in order to provide better grip on the cable
 Breaking Strength designed to be $\leq 2\text{kN}$
 Span designed up to 90m
 Compatible cable diameter range is 3-3.5mm

CODE

3.4.1

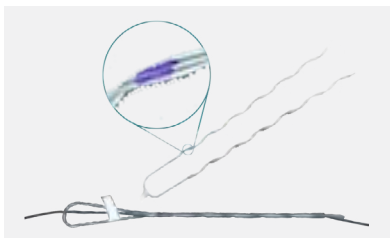


Spiral Wrap – 5mm (Black)

Overview: Hot dip galvanised steel helical dead-end clamp designed for anchoring 5.0mm round optical fibre drop cable within aerial telecommunication distribution network
 Friction coating is provided on inner wraps of clamp in order to provide better grip on the cable
 Breaking Strength designed to be $\leq 2\text{kN}$
 Span designed up to 90m
 Compatible cable diameter range is 4.5-5.2mm

CODE

3.4.2



Spiral Clamp – 7mm (Purple)

Overview: Hot dip galvanised steel helical dead-end clamp designed for anchoring 7.0mm round optical fibre drop cable within aerial telecommunication distribution network
 Friction coating is provided on inner wraps of clamp in order to provide better grip on the cable
 Breaking Strength designed to be $\leq 2\text{kN}$
 Span designed up to 90m
 Compatible cable diameter range is 6.5-8mm

CODE

3.4.3



Hypoclamp

Overview: A cable clamp capable of accepting cables of diameters up to 10mm
 Configurations: Material: Alloy material lightweight and robust. It's manufactured from UV plastic suitable for deployment in aerial telecom networks.

CODE

3.4.4



Mandrel Aerial Clamp

Overview: Mandrel-shaped body with a bail that can be locked into the clamp body. It's manufactured from UV plastic suitable for deployment in aerial telecom networks. Designed for anchoring/suspending round drop cable on poles and buildings installation. Roll cable through clamp and around the mandrel. For example 3 times for 3mm diameter cable.

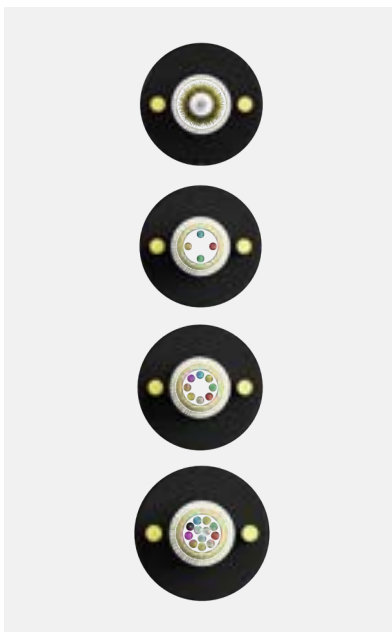
Accepts 3 & 5mm cable.

CODE

3.4.5

3. AERIAL NETWORK

5. OVERHEAD CABLES



xFOD HDPE – 1f, 4f, 8f, 12f 5.0mm

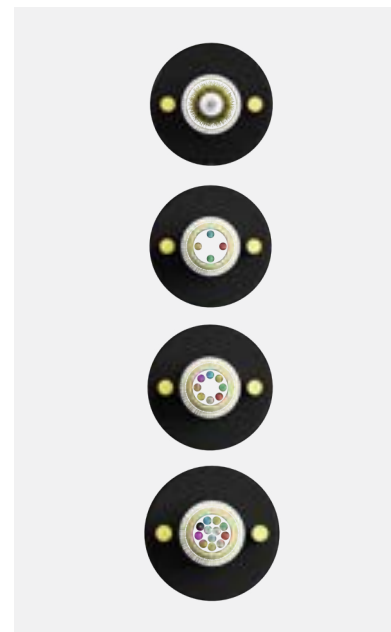
Overview: Round profile drop cable containing a single tight jacketed fibre that is intended for both underground (UG) and overhead (OH) installation in the network.

Construction:

- Non-metallic/ dielectric construction.
- UV stabilised HDPE outer jacket
- 2x strength members provide excellent mechanical properties
- Water blocking tape for moisture barrier
- Aramid Yarn provides excellent mechanical properties
- 4,8,12 x 250um fibre modules // Single 900um tight buffer

CODE

3.5.1



xFOD LSZH– 1f, 4f, 8f, 12f 5.0mm

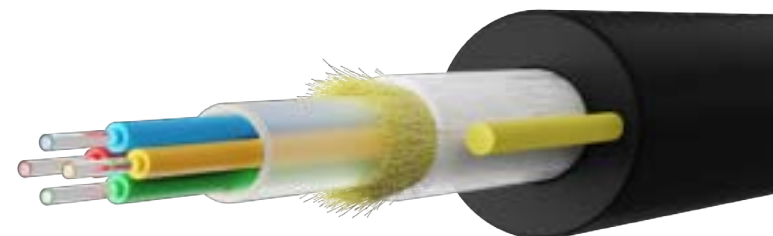
Overview: Round profile drop cable containing a single tight jacketed fibre that is intended for both underground (UG) and overhead (OH) installation in the network.

Construction:

- Non-metallic/ dielectric construction.
- UV stabilised LSZH outer jacket
- 2x strength members provide excellent mechanical properties
- Water blocking tape for moisture barrier
- Aramid Yarn provides excellent mechanical properties
- 4,8,12 x 250um fibre modules // Single 900um tight buffer

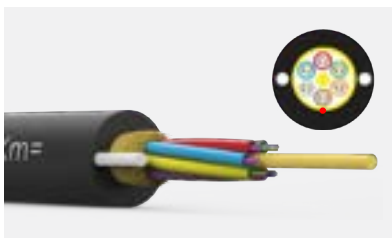
CODE

3.5.2



3. AERIAL NETWORK

5. OVERHEAD CABLES



ADSS Aerial Distribution Cable

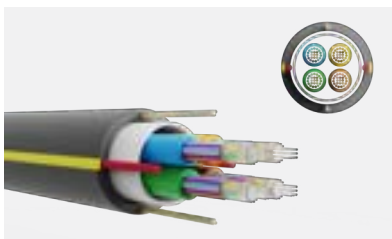
Overview: Round Aerial ADSS containing modular tubes @ 12 fibres / tube. The cable is designed for both Overhead (OH) and Underground (UG) installation in telecommunication network infrastructures.

Construction:

- Non-metallic/ dielectric construction
- UV stabilised HDPE outer jacket
- 2x strength members provide excellent mechanical properties
- Ripcords provided for sheath stripping
- Water blocking tape for moisture barrier
- Aramid Yarn provides excellent mechanical properties
- 12 fibres per module – 72f, 120f, 144f options available

CODE

3.5.7



ULW – Ultra Light Weight Cable

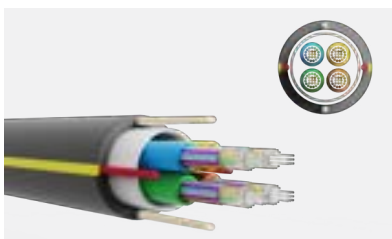
Overview: Round profile distribution cable intended for both underground (UG) and overhead (OH) installation in the network.

Construction:

- Non-metallic & Metallic variants available
- UV stabilised HDPE outer jacket with stripping stripe
- 2x strength members provide excellent mechanical properties (metallic/non-metallic variations)
- Water blocking tape for moisture barrier
- Fibre capacity options available; 2f, 4f, 8f, 12f, 24f, 36f, 48f, 72f, 96f

CODE

3.5.8



ULW – Ultra Light Weight Cable Non-Metallic

Overview: Round profile distribution cable intended for both underground (UG) and overhead (OH) installation in the network.

Construction:

- Non-metallic & Metallic variants available
- UV stabilised HDPE outer jacket with stripping stripe
- 2x strength members provide excellent mechanical properties (metallic/non-metallic variations)
- Water blocking tape for moisture barrier
- Fibre capacity options available; 2f, 4f, 8f, 12f, 24f, 36f, 48f, 72f, 96f

CODE

3.5.9

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We look forward to discussing your fibre requirements



4. SMDU – SMALL MULTI DWELLING UNIT



4. FAÇADE / SMDU

1. BEP – BUILDING ENTRANCE POINT



CODE

4.1.1

Extra Small Node - 2.2mm LT - 96f

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFTs. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

298mm (H) x 234mm (L) x 160mm (W)



CODE

4.1.4

Medium Node - 2.2mm LT - 288f

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFTs. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

418mm (H) x 234mm (L) x 160mm (W)



CODE

4.1.2

Small Node - 2.2mm LT - 144f

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFTs. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

328mm (H) x 234mm (L) x 160mm (W)



CODE

4.1.5

Medium Node Ribbon - 432f Ribbon + 48f SE Hybrid

Identical to 2.1.4 with the exception of tray design

12 tray Ribbon Hybrid = 3 x Ribbon + 4 x SE allowing for 432f ribbon & 48f Single Element fibre capacity



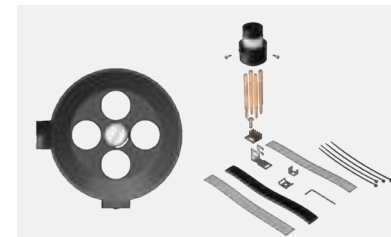
CODE

4.1.3

Small Node Ribbon - 216f Ribbon + 24f SE Hybrid

Identical to 2.1.2 with the exception of tray design

6 tray Ribbon Hybrid = 3 x Ribbon + 4 x SE allowing for 216f ribbon & 24f Single Element fibre capacity



CODE

4.1.6

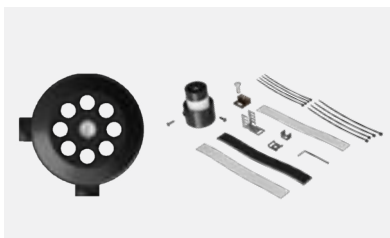
Circular Port Kits - 4 x 8mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs.

- Suitable for 4.5 - 8.5mm cable
- 4 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Permits re-entry into the closure without breaking the drop seals
- Easy installation – no special tools required

4. FAÇADE / SMDU

1. BEP – BUILDING ENTRANCE POINT



Circular Port Kits - 8 x 6mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 3 - 6.5mm
- 8 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation – no special tools required

CODE

4.1.7



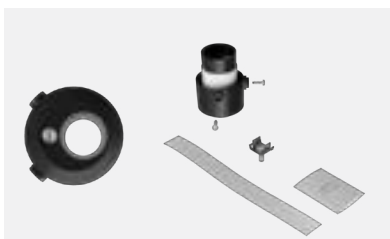
Circular Port Kits - 2 x 12mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 8 – 12.5mm
- 2 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation – no special tools required

CODE

4.1.8



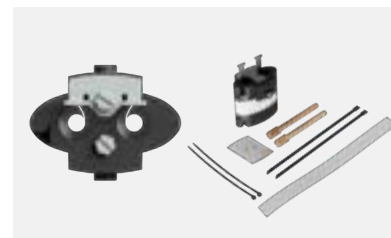
Circular Port Kits - 1 x 20mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 15 – 20.5mm cable
- 1 entry port
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Permits re-entry into the closure without breaking the drop seals
- Easy installation – no special tools required

CODE

4.1.9



Oval Port Kit - 2 x 14mm

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs

- Suitable for 7 - 16.5mm
- 2 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation – no special tools required

CODE

4.1.10



Pole / Wall Mounting Kit

Mounting kit to allow for small and medium joint closures to be mounted onto a Pole.

- 1 x Pole Mounting Cradle
- 2x Split Pins retained by Metal Chain

CODE

4.1.11



Mobra Arm Mounting Kit

Mounting kit to allow for small and medium joint closures to be mounted onto a Mobra arm.

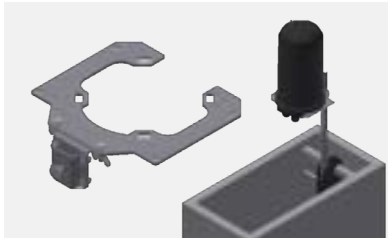
- 1 x Mobra Mounting Cradle
- 1x Split Pin retained by Metal Chain
- 1x Metal pin retained by Metal Chain

CODE

4.1.12

4. FAÇADE / SMDU

1. BEP – BUILDING ENTRANCE POINT



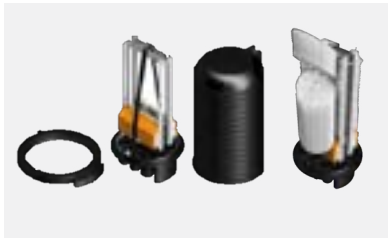
Mounting brackets - Large / Extra Large

Mounting kit to allow for large and extra-large nodes to be mounted to the Mobra arm

Mounting Bracket
Clamp
Fixing bolt
Wings nuts and bolts

CODE

4.1.13



Large Fibre Node

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

505mm (H) x 320mm (L) x 320mm (W)

CODE

4.1.14



Extra Large Fibre Node

The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

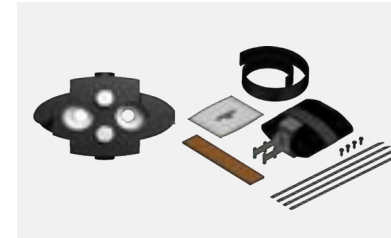
Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

638mm (H) x 320mm (L) x 320mm (W)

CODE

4.1.15



Large Oval Ports

Sealing kits enables the coverage of a wide range of cable installation. The Mechanical seal design allows plug and play capability, reducing installation time and reducing labour costs.

- Suitable for 7 - 16.5mm
- 2 entry ports
- Can be deployed in a variety of environments including underground pits and aerial settings
- Suitable for all kinds of cable construction
- Easy installation – no special tools required

CODE

4.1.16

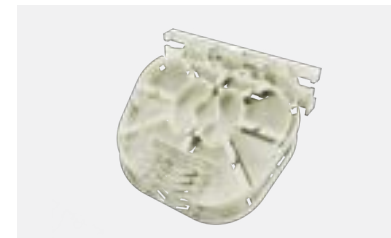


XS/S/M Single Element Fibre Trays

- 12f splice capacity per tray
- 4 trays provided per pack
- High density loose tube tray
- Compliant with standard splice protectors
- Overlength storage and bend management within tray
- Hinge allows a tray to rotate and lock in place to access trays below

CODE

4.1.17



XS/S/M Ribbon Fibre Trays

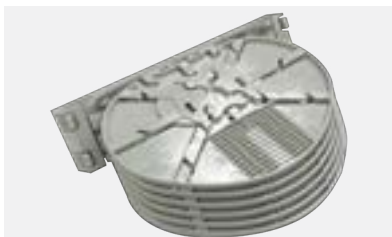
- 3 ribbons per tray
- 2 trays provided per pack
- High density ribbon tray
- Compliant with standard splice protectors
- Overlength storage and bend management within tray
- Hinge allows a tray to rotate and lock in place to access trays below

CODE

4.1.18

4. FAÇADE / SMDU

1. BEP – BUILDING ENTRANCE POINT



L/XL SE Splice Tray

6x Single Element splice trays compatible with the Large & X-Large optical fibre nodes.

Each tray allows for 12x splices

CODE

4.1.19



L/XL Hybrid Ribbon Splice Tray

4x Hybrid Ribbon splice trays compatible with the Large & X-Large optical fibre nodes.

Each tray allows for 8x SE splices and 2x Ribbon mass fusion splices

CODE

4.1.20

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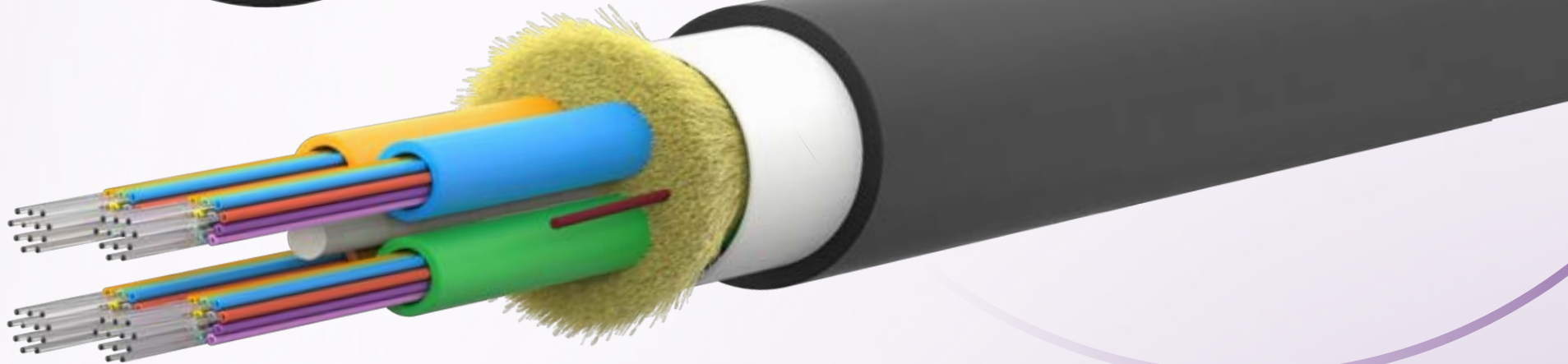


PRODUCT HIGHLIGHT

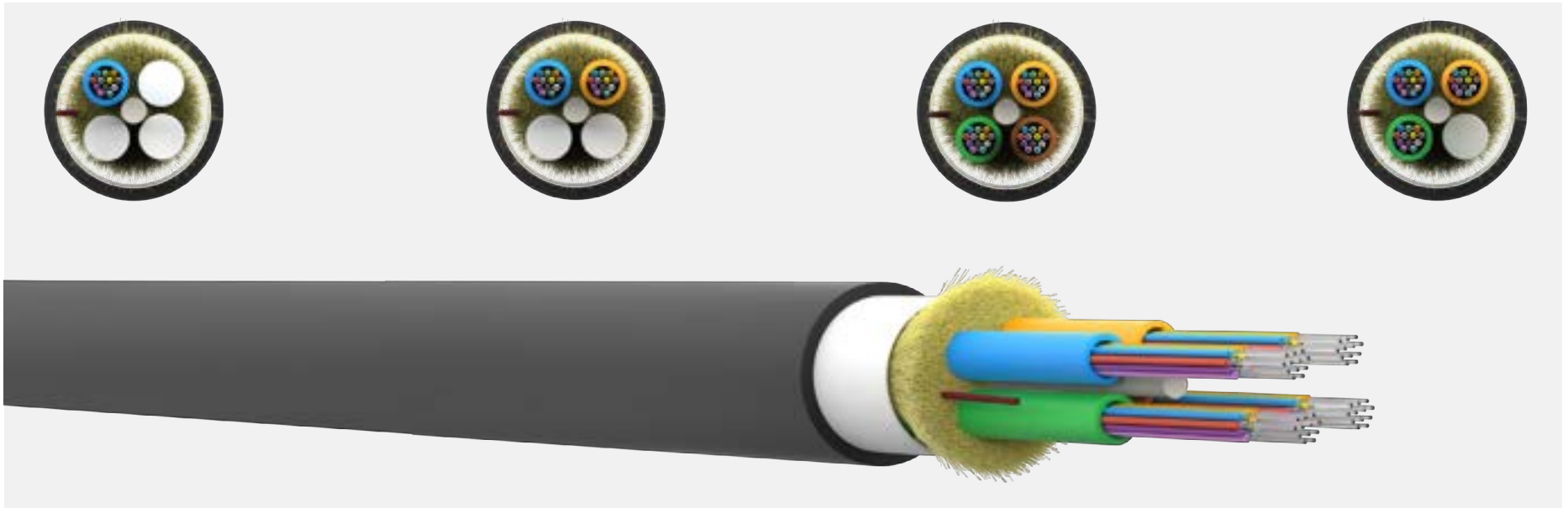
BACKBONE FIBRE



**Rapid.
Versatile.
DexGreen.**



Multicore Backbone Cable - 12f to 144f



CODE

4.2.1

DESCRIPTION

The fibre optic cable components include an FRP Strength Member, providing mechanical support and securing the cable, and Coated FRP, which reinforces and achieves the desired geometry for loose tubes.

The Primary Coated Fibre consists of silica, acrylate-coated, color-coded fibers, and the Loose Tubes have thixotropic gel-filled, bend-resistant fibers organized in 12f tubes, easily removable for splicing. Dummy Filler Elements are available for empty tubes, and Ripcords aid in longitudinal cable stripping.

Water Blocking Aramid Yarn offers excellent mechanical characteristics, while the LSZH Outer Sheath comes in multiple colors and meets CPR EuroClass CCA-s1b, d2, a2 standards.

FEATURES

- FRP strength member
- Coated FRP
- Primary coated fibre
- Loose tubes
- Dummy Filler elements
- Ripcords
- Water Blocking Aramid Yarn
- Outer Sheathing LSZH
- Water Blocking Tape

4. FAÇADE / SMDU



CODE

4.3.1

3. DISTRIBUTION ENCLOSURE

Universal Building Box

Universal Building Box is a fully modular, low footprint solution that caters for multiple configurations, i.e. Splitter (in various counts), connectorised.

The enclosure achieves this via a series of interchangeable entry ports and grommets, which make it suitable to receive all cable structures in the network at the same time in one compact consolidated closure.

These ports can accommodate a multitude of cables in various diameters. These are all supplied with closure as standard.



CODE

4.3.4

Internal / External 120 port ODF

A large capacity external ODF suited to MDU scenarios. Capable of 120 connectorised drops this enclosure is ideal for large external MDUs. IP65 - suitable for aerial use by mounting directly on to walls/poles.

- Caters for multiple configurations.
- Pre-connectorized terminations (LC/APC adapters can be installed inside).
- Integrated PLC splitters (at multiple split ratios).
- Adapter: 60 LC Duplex Adaptors.



CODE

4.3.2

Internal / External Splice Box - up to 288f splice point

Strain Relief for multiple outgoing distribution cables. Facilitates loop storage of fibre tubes and routing cable out of closure. Fibre tubes are stored before being spliced. Fibre tubes are stripped down to bare fibres to be spliced. Holds 8 x splitters (i.e. 8 x 32 way splitters). Incoming fibre tubes are spliced onto the A-legs of splitters. B-legs are routed directly to Distribution trays for splicing to distribution cables. Trays are colour coded for identification purposes. Total splice capacity is 288f (12f/tray @ 24 trays). Outgoing cable overlength storage.



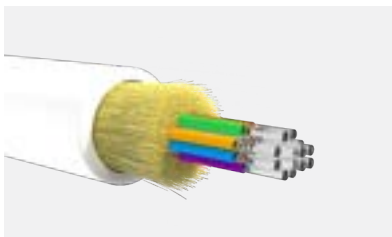
CODE

4.3.3

Internal / External 60 port ODF

A large capacity external ODF suited to MDU scenarios. Capable of 60 connectorised drops this enclosure is ideal for large external MDUs. IP65 - suitable for aerial use by mounting directly on to walls/poles.

- Caters for multiple configurations.
- Pre-connectorized terminations (LC/APC adapters can be installed inside).
- Integrated PLC splitters (at multiple split ratios).
- Adapter: 30 LC Duplex Adaptors.
- Splice: 60 fibres (4 trays @ 24 fibres/tray).

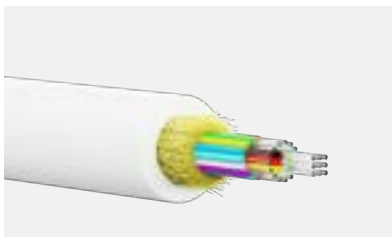


CODE

4.4.1

2.0mm 12f – External UV Stabilised

- Application: Surface-mounted fibre cable, usable as a distribution or feeder cable with extractable 250um primary coated fibres.
- Variations: Available in both G657A2 or G657B3 fibre types – bending insensitive.
- Mechanical Performance: Aramid yarn.
- Installation Conditions: Surface Mounted: External conduit (i.e., DexTidy), glue and tacking.
- Internal Duct: Conventional microduct.
- Drum Length: 1000 metres.
- Fibre Protection: Flame retardant, material.
- UV Stabilised: for external use

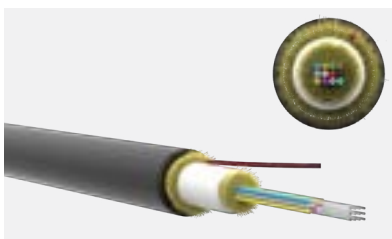


CODE

4.4.2

3.0mm 24f – External UV Stabilised

- Application: Surface-mounted fibre cable, usable as a distribution or feeder cable with extractable 250um primary coated fibres.
- Variations: Available in both G657A2 or G657B3 fibre types – bending insensitive.
- Mechanical Performance: Aramid yarn.
- Installation Conditions: Surface Mounted: External conduit (i.e., DexTidy), glue and tacking.
- Internal Duct: Conventional microduct.
- Drum Length: 1000 metres.
- Fibre Protection: Flame retardant, material.
- UV Stabilised: for external use



CODE

4.5.3

Ruggedised 6.0mm (1 - 12f) cable

This cable meets fire safety, water resistance, UV stability, and optical performance needs, suitable for both indoor and outdoor use. Its LSZH materials, water-blocking aramid yarn, and MPO connectors emphasize durability, easy installation, and lasting efficiency, making it versatile and reliable for various communication setups.

Want More Information?

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For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

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We look forward to discussing your fibre requirements

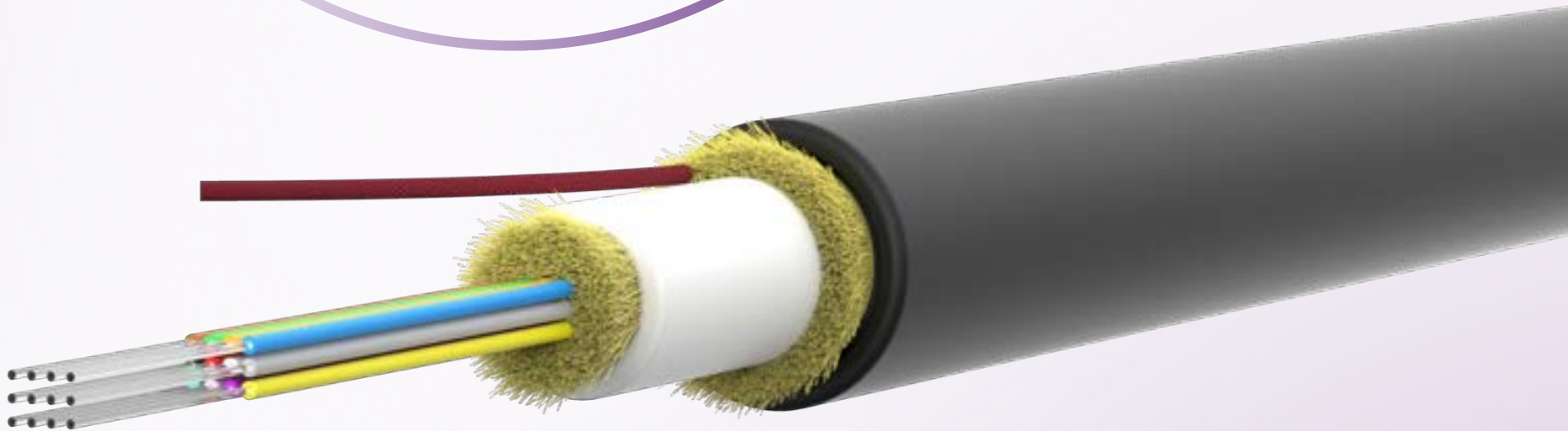


PRODUCT HIGHLIGHT

RUGGEDISED 6MM CABLE



**Rapid.
Reliable.
DexGreen.**



4. FAÇADE / SMDU

5. DEMARCATION / POINT OF ENTRY ENCLOSURE

6. CUSTOMER LEAD IN CABLE



Inline façade enclosure

An external customer service point.

- Splicing functionality – capacity up to 8x splices (x4 splice protectors double stacked)
- Removable Tray – Tray is removable for ease of use when installing spliced connections
- 4x SC/APC adaptors – provided with 4xSC/APC adaptors providing up to 4 subscriber ports
- Overlength Manager – Stores incoming cable and pigtail overlength up to 5 metres (2mm cable)

CODE

4.5.1

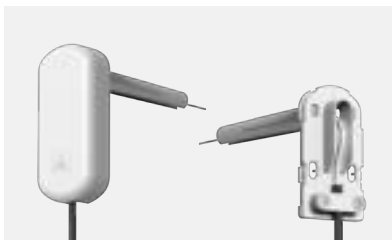


SMDU wall box with 4x SC/APC

- Splicing functionality – capacity up to 8x splices (x4 splice protectors double stacked)
- Standoff at rear – 5mm
- Incoming 900um SC/APC pigtails
- 4x SC/APC adaptors
- Adaptor bracket
- Outgoing 900um SC/APC pigtails
- Cable entry/ exit ports
- Inner overlength storage
- Outer overlength storage
- Logo – Box can be custom branded to operators' requirements
- Material – ASA UV stabilised.
- Dimensions - (W)144 x (L)156 x (H)37.5mm
- Spiral Wrapping

CODE

4.5.2

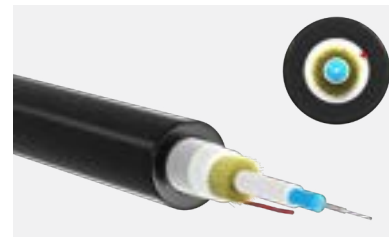


Fibre wall entry cover

A compact wall entry cover for masking entry to the home. This enclosure prevents water ingress and masks wall 'blow-out' as fibre is routed into the home

CODE

4.5.3



Inside/out cable

Inside/out customer lead in cable suitable for installation within the most challenging installation scenarios.

- Cable can be customised further per any unique end user requirements; i.e. cable jacket colour; properties; fiber count
- Connectorised – cable is available connectorized and packaged per various end user requirements

CODE

4.6.1

PRODUCT HIGHLIGHT

SMDU WALL BOX



Orderly.
Secure.
DexGreen.

PRODUCT HIGHLIGHT

WALL ENTRY COVER



Neat.
Tidy.
DexGreen.

4. FAÇADE / SMDU

7. INTERNAL WALL BOX



Internal CSP – Small Customer Service Point

The small internal CSP is a reversible inline enclosure capable of servicing 8 customer drops.

It features a toolless snapfit lid which can be installed in two directions.

It also features a large figure of 8 overlength bay, 8x splice capacity cradle and 8 cable retaining flaps.

CODE

4.7.1



Internal CSP – Medium Customer Service Point

The medium internal CSP is a minimally invasive discrete enclosure.

- Materials – UL94 V-0 25-year life expectancy white ABS
- Dimensions – 85mm x 140mm

CODE

4.7.2



Internal CSP – Large Customer Service Point

- Connectivity – 1x SC/APC Adapter
- Strain Relief – Cable tie points included for strain relief
- Cable Ports – 4 outgoing ports and 1 incoming port
- Splicing – 8 x splice protector cradles
- Removable Lid – Snap fit lid promotes ease of install
- Logo
- Fibre Optic Symbol – molded into lid

CODE

4.7.3



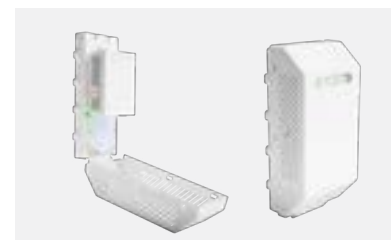
Type 1 - Standard

Overview: Compact termination box that houses Huawei EchoLife HG8010H ONT, model number.

Indicative Dimensions:
215(H)*100(W)*45(D)mm.

CODE

4.7.4



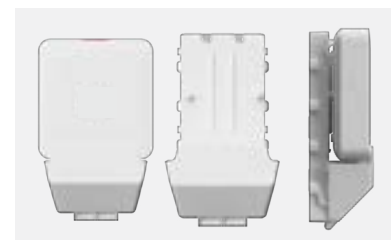
Type 2 – Covered Enclosure

Compact termination box that contains a pre-determined length patch cord and a large amount of room for slack cable.

- Materials – White ABS/FR suited for internal use.
- Dimensions – 170(H)*80(W)*50(D)mm.

CODE

4.7.5



Type 3 – Large XGS-PON

Compact termination box that houses Huawei ONT.

Available in 2 options:

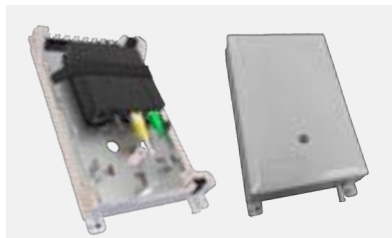
- Option 1 - Includes SC/APC adapter only
- Option 2 – Includes SC/APC connectorized pig tail ready for splicing to incoming drop cable

CODE

4.7.6

4. FAÇADE / SMDU

7. INTERNAL WALL BOX



Type 4 – Complete Enclosure

Overview: Compact fibre termination point that allows for large ONT's to be mounted onto the frame.

Indicative Dimensions: 124(H)*190(W)*50(D)mm.

Application: This is a fully enclosed solution that safely stores and manages incoming fibre cable while discretely storing the ONT in the same footprint.

CODE

4.7.7



Type 5 – Overlength Mount Frame

Overview: Compact fibre termination point that allows for large ONT's to be mounted onto the frame.

Indicative Dimensions: 215(H)*100(W)*45(D)mm.

Application: This is a fully enclosed solution that safely stores and manages incoming fibre cable while discretely storing the ONT in the same footprint. This closure allows for the option of using pre-connectorised drop cable and using a hardened field connector.

CODE

4.7.8



CCR – Customer Connect Reel

Overview: A dual-terminated fibre spool allowing exact length drawing to a customer drop point

Indicative Dimensions: 82x82x32

Application: This is a fully enclosed solution that safely stores and manages fibre cable from a POE to an ONT or other FWA

CODE

4.7.9

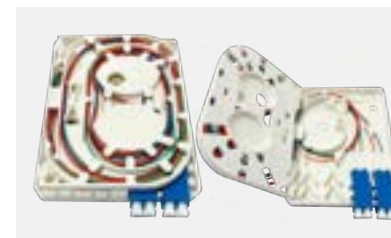


FWA-4f

- Optical fibre broadband access network, FTTH optical fibre and wall type optical fibre distribution unit.
- Versatile 4 port (SC Simplex) FTTH Wall box that can be used in a range of applications. Typical application is FTTH Termination point.

CODE

4.7.10

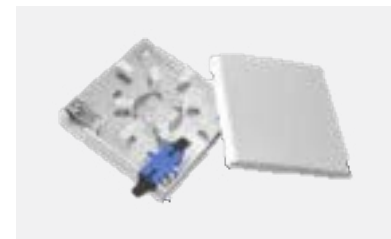


Termination Outlet

- Dimensions – 105(H)*80(W)*20(D)mm
- Application – the operator guides incoming 4.8mm ruggedized cable into the termination outlet before splicing onto the pre-installed LC/UPC 1.5m pigtails
- Colour – White ABS Material
- Specification – 1.5m G657A2 LC/UPC Pigtails included in outlet

CODE

4.7.11



FWA-86x86mm

- Dimensions: 86mm (L) x 86mm (W) x 20mm (H)
- Locking Mechanism: Plastic clip
- Capacity: 2 splices and place them in designated areas.
- Cable Entry Ports: 2
- Adapter Capacity: 2

CODE

4.7.12

4. FAÇADE / SMDU

7. INTERNAL WALL BOX



Connectorised Customer Connect Reel

- Pre-connectorized discrete Indoor Fibre Optic Cable (FO) with Customer Connect Reel
- Used to connect from OTP (Optical Termination Premise) points to the customer's ONT (Optical Network Termination) terminal.
- Aesthetically pleasing and easy to use

CODE**4.7.13**

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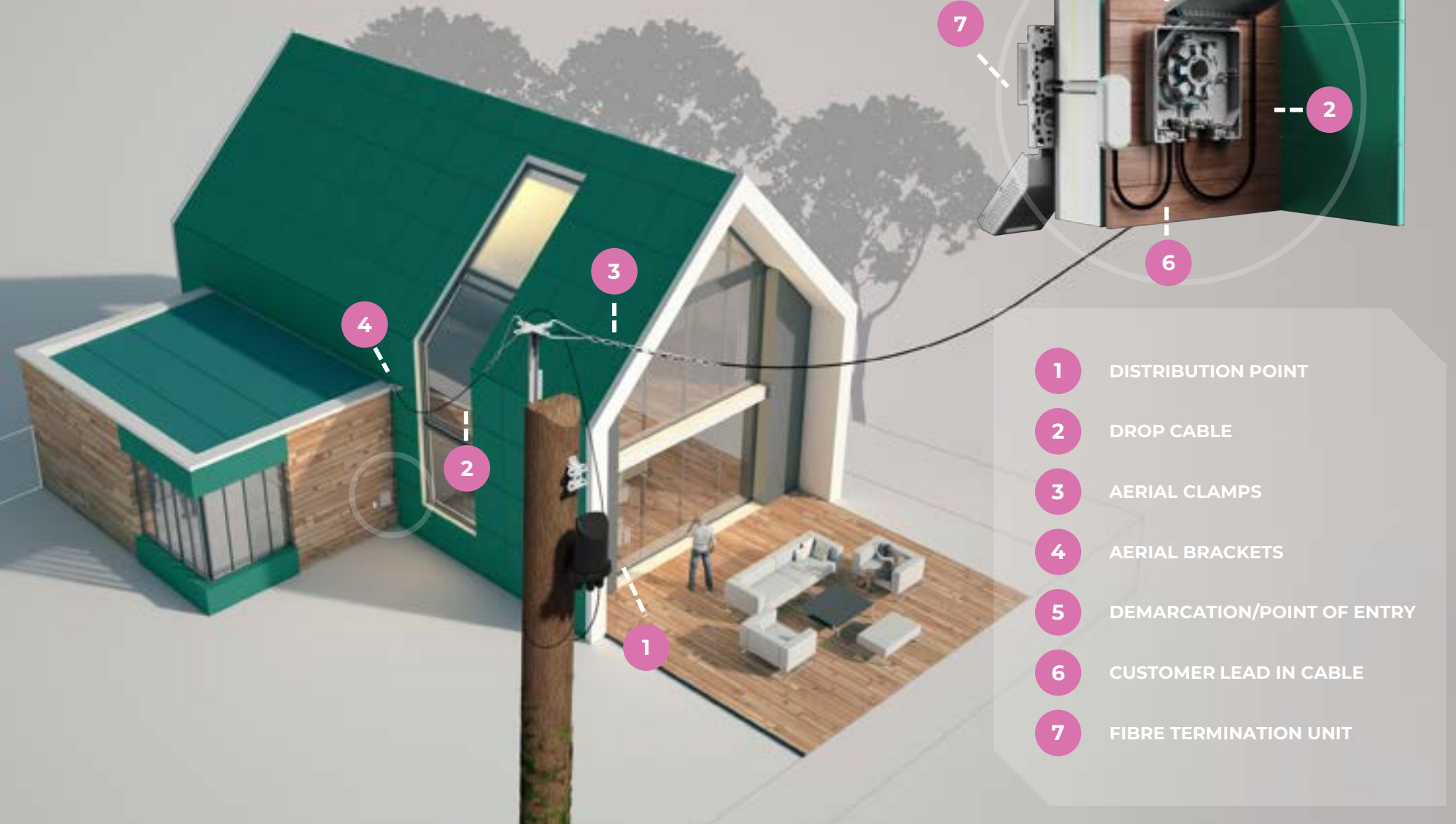
For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

Or scan this QR code

We look forward to discussing your fibre requirements



5. SDU – SINGLE DWELLING UNIT



5. SDU

1. DISTRIBUTION POINTS



CODE

5.1.1

Extra Small Node - 2.2mm LT - 96f

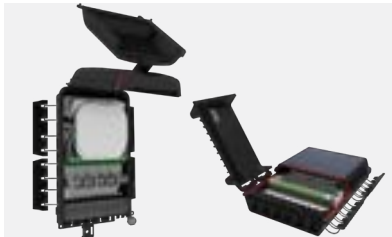
The Oval Port allows two discrete cable ends to be installed. Circular ports accept a range of cable and BFT's. Port sealing is capable of being re-entered to enable fitting of subsequent cables up to maximum capacity.

Splitter options can be configured as required by the Network Operator.

Closure can be used in aerial and underground environments.

Fully UV stabilised, suitable for continual exposure in overhead/above ground installations for their complete service lifetime.

298mm (H) x 234mm (L) x 160mm (W)



CODE

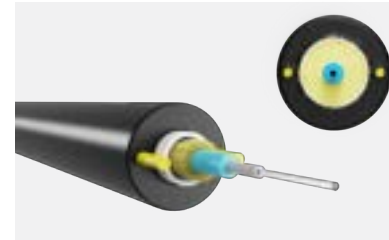
5.1.2

UGOH

Overview: Compact Fibre Node available in splice only/patch only/Splice patch/splitter. Max splice capacity in 48f and max connector capacity is 24 port LC/APC. Designed to store splitter.

Configurations: Uniform Generic Product as a standalone accessory can cater for other FO and Copper applications in UG or OH scenarios.

2. DROP CABLES



CODE

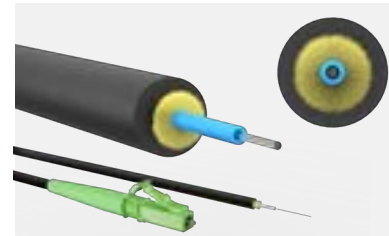
5.2.1

RFOD HDPE – 1f 5.0mm

Overview: Round Aerial Drop cable. The cable is designed for both Overhead (OH) and Underground (UG) installation in telecommunication network infrastructures.

Construction:

- Non-metallic/dielectric construction.
- UV stabilised HDPE outer jacket
- 2x strength members provide excellent mechanical properties
- Water blocking tape for moisture barrier
- Aramid Yarn provides excellent mechanical properties
- Single Element 0.9mm fibre module



CODE

5.2.2

3mm TPU 1f

Outer Jacket: Black TPU UV stabilised sheath in accordance with BS EN 50290-2-24. Excellent abrasion resistance to tree rub. Free of hazardous substances according to RoHS 2002/95/EC. Anti-rodent protection can be added

Diameter – 3.0mm

Colours – Black; White; Brown (PANTONE 7629U)

Water Block Aramid Yarn: Laid up alongside longitudinally section.

900µm Tight Buffer Module: LSZH in colour Blue (EIA 598)

Fibre Type: ITU-T G657A2 / G657B3 offered as standard

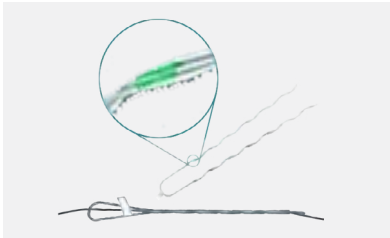
PRODUCT HIGHLIGHT

3MM TPU DROP CABLE

**Pliable.
Reliable.
DexGreen.**

5. SDU

3. AERIAL CLAMPS

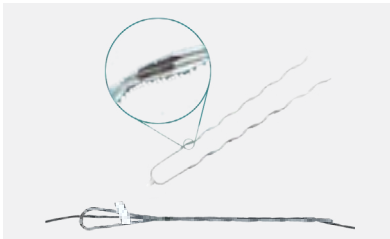


Spiral Wrap – 3mm (Green)

Overview: Hot dip galvanized steel helical dead-end clamp designed for anchoring 3.0mm round optical fibre drop cable within aerial telecommunication distribution network
 Friction coating is provided on inner wraps of clamp in order to provide better grip on the cable
 Breaking Strength designed to be $\leq 2\text{kN}$
 Span designed up to 90m
 Compatible cable diameter range is 3-3.5mm

CODE

5.3.1

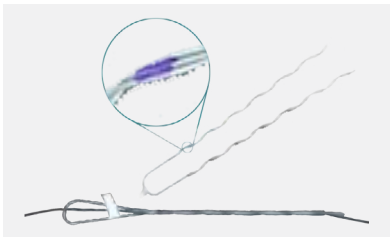


Spiral Wrap – 5mm (Black)

Overview: Hot dip galvanized steel helical dead-end clamp designed for anchoring 5.0mm round optical fibre drop cable within aerial telecommunication distribution network
 Friction coating is provided on inner wraps of clamp in order to provide better grip on the cable
 Breaking Strength designed to be $\leq 2\text{kN}$
 Span designed up to 90m
 Compatible cable diameter range is 4.5-5.2mm

CODE

5.3.2



Spiral Clamp – 7mm (Purple)

Overview: Hot dip galvanized steel helical dead-end clamp designed for anchoring 7.0mm round optical fibre drop cable within aerial telecommunication distribution network
 Friction coating is provided on inner wraps of clamp in order to provide better grip on the cable
 Breaking Strength designed to be $\leq 2\text{kN}$
 Span designed up to 90m
 Compatible cable diameter range is 6.5-8mm

CODE

5.3.3



Mandrel Aerial Clamp

Overview: Mandrel-shaped body with a ball that can be locked into the clamp body. It's manufactured from UV plastic suitable for deployment in aerial telecom networks.
 -Designed for anchoring/suspension round drop cable on poles and buildings installation. Roll cable through clamp around the mandrel. For example 3 times for 3mm diameter cable.

Accepts 3 & 5mm cable.

CODE

5.3.4

5. SDU

4. AERIAL BRACKETS



Bracket 22

Overview: Simple triangular drop bracket to be used at the customers premises for incoming aerial drop cable.

CODE

5.4.1



Bracket 32

Overview: Extended Drop Wire Bracket.
Galvanised steel bracket for attaching wires to poles or walls (Galvanised securing screws included).
Application: Used to give additional clearance of 150mm from gutters and eaves for the termination of drop cables. Withstands a pulling force of over 200Kg.

CODE

5.4.2



Eye Bolt Expanding

Overview: Single point fixing ring bolt for terminating drop wire.
Ring Diameter: 15mm.
Thread Depth: 60mm.

CODE

5.4.3

Want More Information?

Our sales team would be happy to discuss product solutions with you!

For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

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PRODUCT HIGHLIGHT

CSP – CUSTOMER SERVICE POINT



**Orderly.
Secure.
DexGreen.**

5. SDU

5. DEMARCATION / POINT OF ENTRY

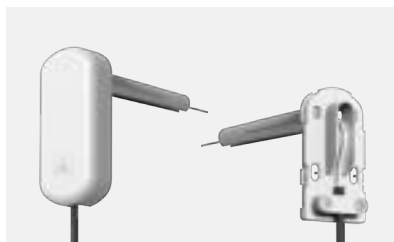


CSP – External Demarcation Box

Overview: External demarcation enclosure for FTTH networks, with either splicing or connector connectivity options, therefore acting as a test point in the network also. Multiple cable entries/exits give installer flexibility for all installation scenarios. Connectivity- suitable for SC and LC connections
Splicing- availability to store 6 splice
Cable Entry- multiple compatibility with sealing grommets
Slack storage- designed to be compatible with multiple different cable configurations.
Material- ASA masterbatch compound.
Dimensions- 150mm (L)x 143mm(W)x 33mm(H)

CODE

5.5.1

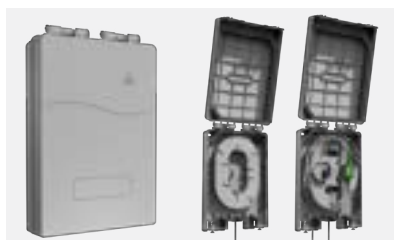


Wall Entry Cover

A compact wall entry cover for masking entry to the home. This enclosure prevents water ingress and masks wall 'blow-out' as fibre is routed into the home

CODE

5.5.2



Overlength Storage Wallbox

Overview: An external demarcation point capable of storing 10m of 3mm pre-connectorised cable – ideal for non-splice installs in SDU scenarios
Material: UV stabilised ABS, available in white, grey, black, brown
Dimensions: 198mm (h) x 140mm (w) x 40mm (d)

CODE

5.5.3

6. CUSTOMER LEAD IN CABLE



Ruggedised Dual Jacket 5.0mm (1-12f) cable

Inside/out customer lead in cable suitable for installation within the most challenging installation scenarios.

Cable can be customised further per any unique end user requirements; i.e. cable jacket colour; properties; fibre count.

The cable is available connectorised and packaged per various end user requirements.

CODE

5.6.1

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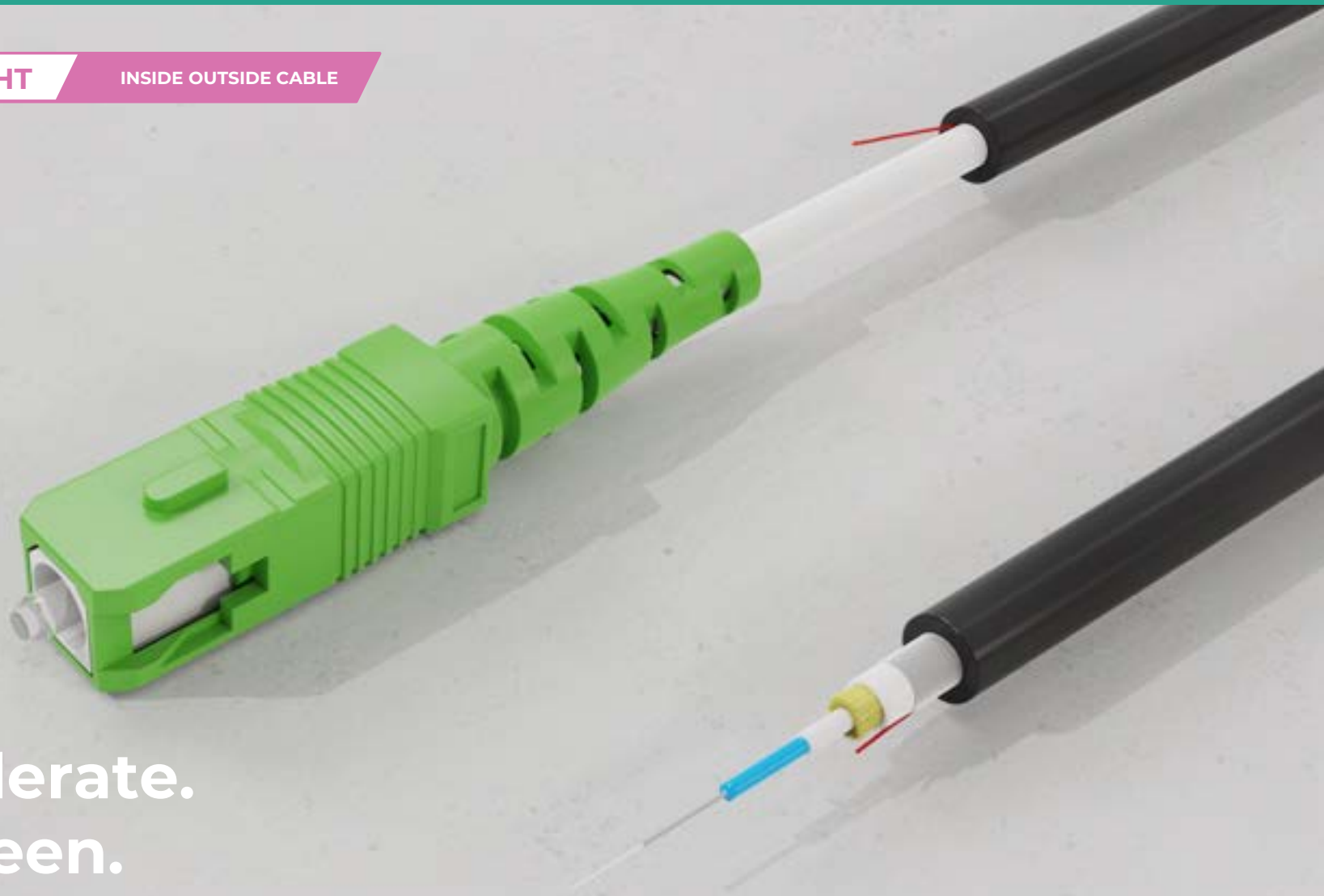
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PRODUCT HIGHLIGHT

INSIDE OUTSIDE CABLE



**Easy.
Considerate.
DexGreen.**

5. SDU

7. FIBRE TERMINATION UNIT

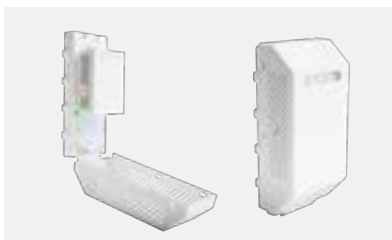


Type 1 - Standard

Overview: Compact termination box that houses Huawei EchoLife HG8010H ONT, model number.
Indicative Dimensions:
215(H)*100(W)*45(D)mm.

CODE

5.7.1



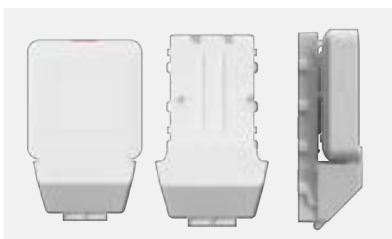
Type 2 – Covered Enclosure

Compact termination box that contains a pre-determined length patch cord and a large amount of room for slack cable.

- Materials – White ABS/FR suited for internal use.
- Dimensions – 170(H)*80(W)*50(D)mm.

CODE

5.7.2



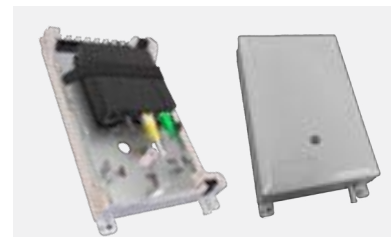
Type 3 – Large XGS-PON

Compact termination box that houses Huawei ONT.

- Available in 2 options:
- Option 1 - Includes SC/APC adapter only
 - Option 2 – Includes SC/APC connectorized pig tail ready for splicing to incoming drop cable

CODE

5.7.3



Type 4 – Complete Enclosure

Overview: Compact termination box that houses large ONT units
Indicative Dimensions: 195(H)*125(W)*50(D)mm.

CODE

5.7.4



Type 5 – Overlength Mount Frame

Overview: Compact fibre termination point that allows for large ONT's to be mounted onto the frame.
Indicative Dimensions: 215(H)*100(W)*45(D)mm.
Application: This is a fully enclosed solution that safely stores and manages incoming fibre cable while discretely storing the ONT in the same footprint. This closure allows for the option of using pre-connectorized drop cable and using a Hardened field connector.

CODE

5.7.5



CCR – Customer Connect Reel

Overview: A dual-terminated fibre spool allowing exact length drawing to a customer drop point
Indicative Dimensions: 82x82x32
Application: This is a fully enclosed solution that safely stores and manages fibre cable from a POE to an ONT or other FWA

CODE

5.7.6

5. SDU**7. FIBRE TERMINATION UNIT****Connectorised Customer Connect Reel**

- Pre-connectorized discrete Indoor Fibre Optic Cable (FO) with Customer Connect Reel
- Used to connect from OTP (Optical Termination Premise) points to the customer's ONT (Optical Network Termination) terminal.
- Aesthetically pleasing and easy to use

CODE**5.7.7****Need Something Custom?**

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For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

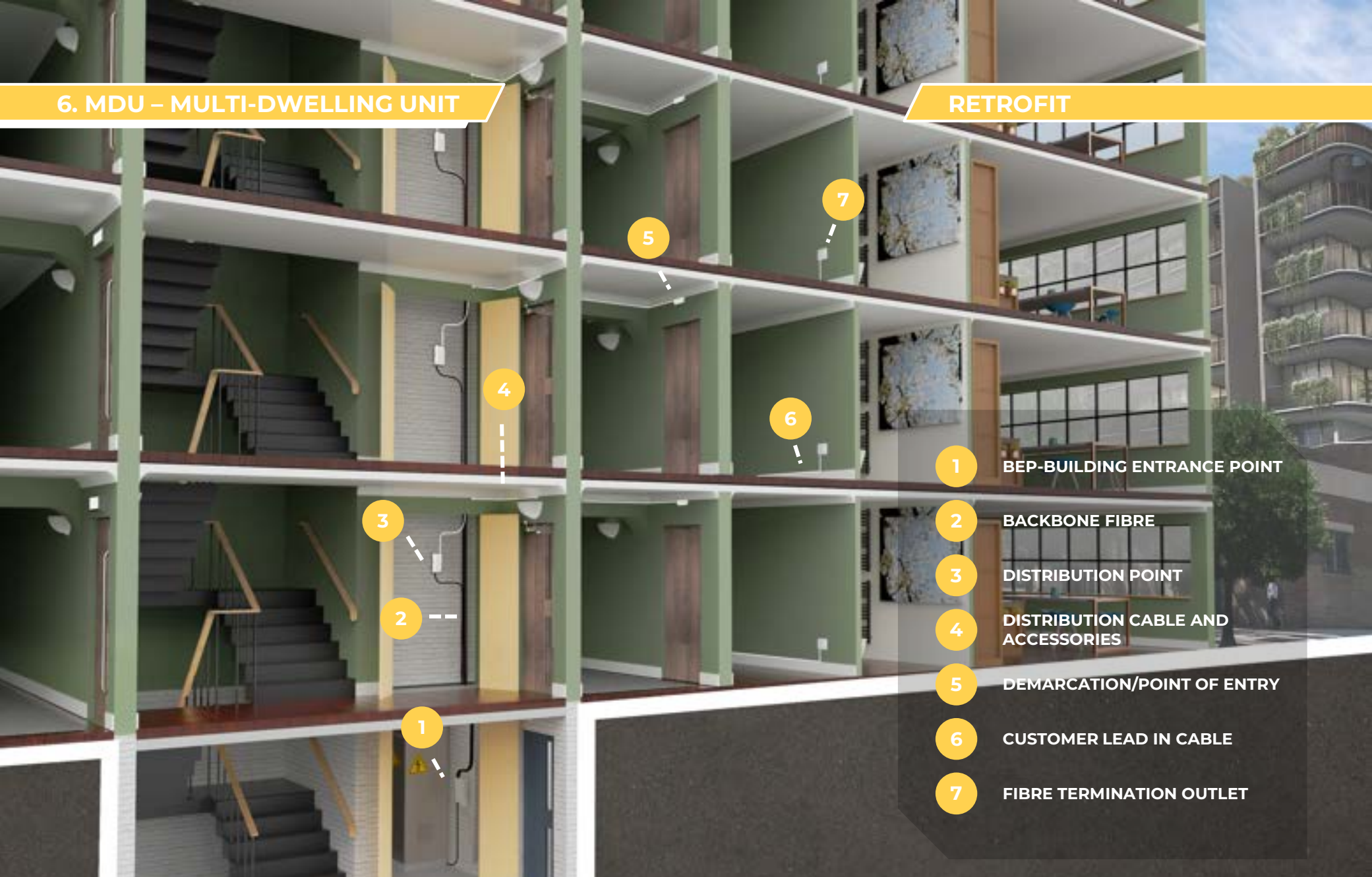
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6. MDU – MULTI-DWELLING UNIT

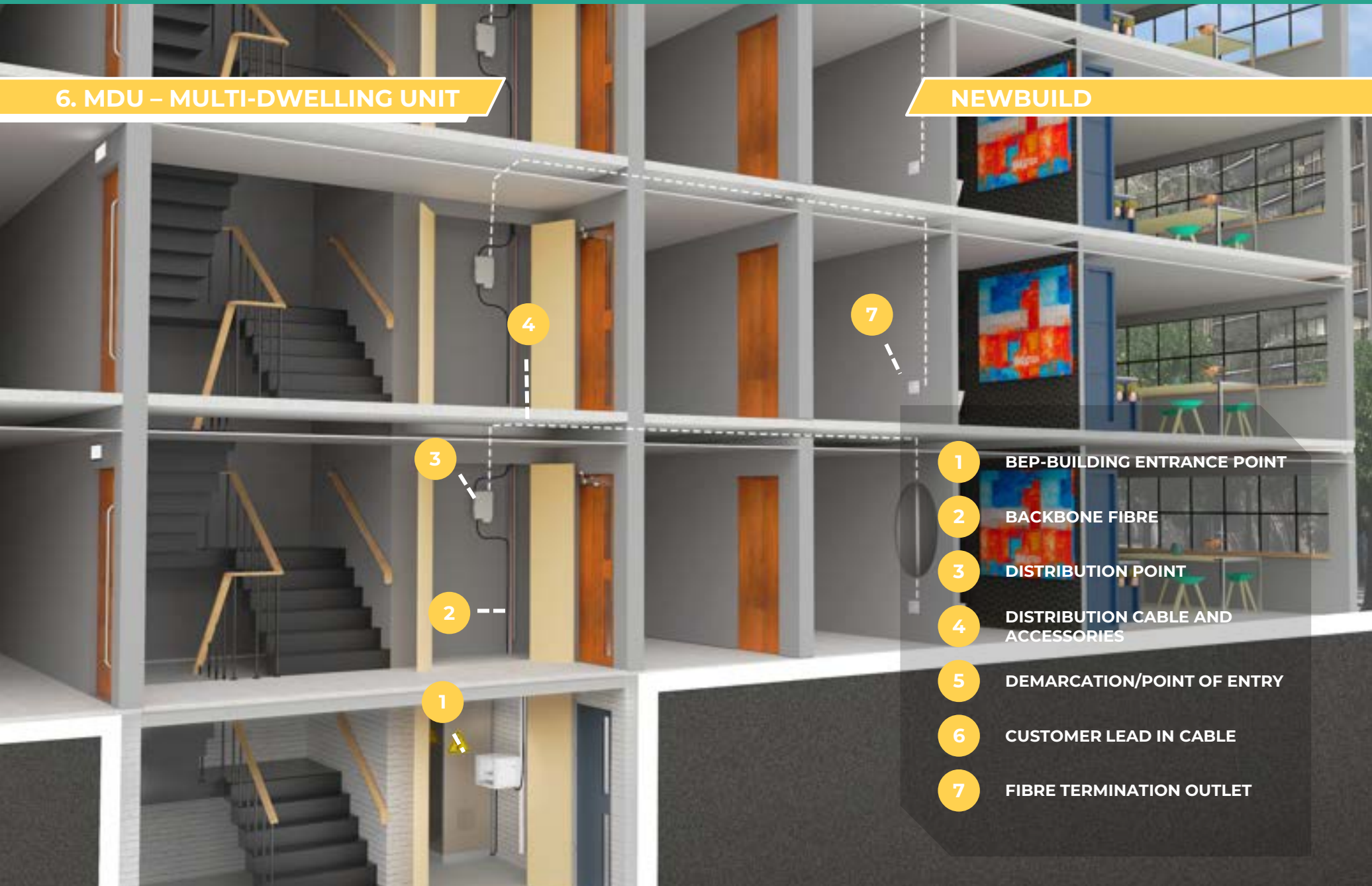
RETROFIT



- 1 BEP-BUILDING ENTRANCE POINT
- 2 BACKBONE FIBRE
- 3 DISTRIBUTION POINT
- 4 DISTRIBUTION CABLE AND ACCESSORIES
- 5 DEMARCATION/POINT OF ENTRY
- 6 CUSTOMER LEAD IN CABLE
- 7 FIBRE TERMINATION OUTLET

6. MDU – MULTI-DWELLING UNIT

NEWBUILD



- 1 BEP-BUILDING ENTRANCE POINT
- 2 BACKBONE FIBRE
- 3 DISTRIBUTION POINT
- 4 DISTRIBUTION CABLE AND ACCESSORIES
- 5 DEMARCATION/POINT OF ENTRY
- 6 CUSTOMER LEAD IN CABLE
- 7 FIBRE TERMINATION OUTLET

6. MDU

1. BEP - BUILDING ENTRANCE POINT



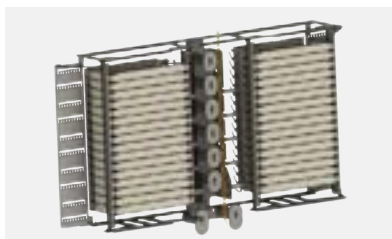
Universal Fibre Shelf - 19-inch 1RU

The Universal Fibre Shelf is a 19-inch patch panel that is 1 rack unit tall. Despite the minute footprint 96 fibres are easily patched onto and safely routed throughout the panel.

The panel features a right-sided swinging drawer to provide access to LC/APC cradles, and the fibre can easily be mapped with the acrylic pane along the front.

CODE

6.1.1



Universal Fibre Shelf - Rack System - 19-inch 1RU

Stainless Steel 19-inch rack system allows ODF equipment to be mounted into any existing or new cabinet. 19-inch 1RU racking (tailorable to install requirements – RU capacity and overall length).

Mounting brackets allow 19inch frame to be bolted into any existing cabinet solution. Integrated strain relief plates for incoming and exiting cable can be bolted onto the frame with additional brackets

CODE

6.1.2



48 port Telescopic Drawer - 19-inch 1RU

The 48f adapter only LCAPC FOPP allows for a total of 48 outgoing jumpers. A central bend manager allows for overlength storage before connecting to the duplex LC/APC adapters.

There are 4 separate grommet locations with strain relief points in front of them for additional security. The pull tabs allow for much easier opening/closing of the tray.

CODE

6.1.3



Internal / External Splice Box - up to 288f splice point

Strain Relief for multiple outgoing distribution cables. Facilitates loop storage of fibre tubes and routing cable out of closure. Fibre tubes are stored before being spliced. Fibre tubes are stripped down to bare fibres to be spliced. Holds 8 x splitters (i.e. 8 x 32 way splitters). Incoming fibre tubes are spliced onto the A-legs of splitters. B-legs are routed directly to Distribution trays for splicing to distribution cables. Trays are colour coded for identification purposes. Total splice capacity is 288f (12f/tray @ 24 trays). Outgoing cable overlength storage.

CODE

6.1.4



Internal / External 60 port ODF

A large capacity external ODF suited to MDU scenarios. Capable of 60 connectorised drops this enclosure is ideal for large external MDUs. IP65 - suitable for aerial use by mounting directly on to walls/poles.

- Caters for multiple configurations.
- Pre-connectorized terminations (LC/APC adapters can be installed inside).
- Integrated PLC splitters (at multiple split ratios).
- Adapter: 30 LC Duplex Adapters.
- Splice: 60 fibres (4 trays @ 24 fibres/tray).

CODE

6.1.5



Internal / External 120 port ODF

A large capacity external ODF suited to MDU scenarios. Capable of 120 connectorised drops this enclosure is ideal for large external MDUs. IP65 - suitable for aerial use by mounting directly on to walls/poles.

- Caters for multiple configurations.
- Pre-connectorized terminations (LC/APC adapters can be installed inside).
- Integrated PLC splitters (at multiple split ratios).
- Adapter: 60 LC Duplex Adaptors.

CODE

6.1.6

6. MDU

1. BEP - BUILDING ENTRANCE POINT



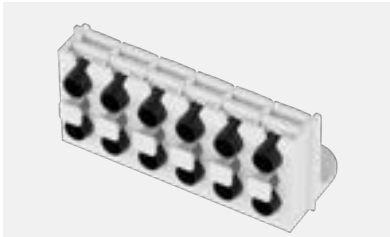
Universal Fibre Solution

Universal Fibre Solution is a fully modular, low-footprint enclosure that caters for multiple configurations and cable sizes, i.e. BFT (Blown Fibre Tubes), splitter (in various counts), connectorized and various others according to the Operators' requirements.

The enclosure achieves this via a series of interchangeable entry ports and grommets, which make it suitable to receive all cable structures in the network at the same time in one compact consolidated closure.

CODE

6.1.7

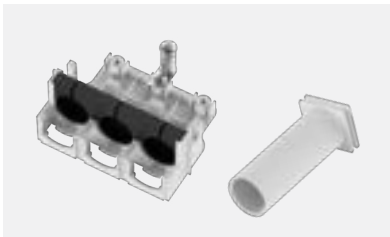


UFS – Splice Through Module

A UFS module designed to allow 12 cables to exit from any of the 4 module locations
Cables up to 6mm can be fed through the grommets and restrained to the module via ziptie

CODE

6.1.8



UFS – 3 Port Module

A UFS module designed to allow 3 cables to enter the enclosure from any of the 4 module locations
Cables up to 14mm, our proprietary gas blocking cone, and ducting can be fed through the grommets.
Cables can be restrained vi Central Strength Member clamps and or via zipties

CODE

6.1.9

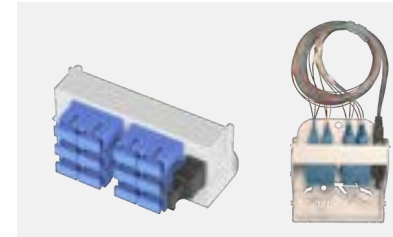


UFS - FTTH Module

A UFS module designed to allow 12x SC/APC customer drops or 24 LC/APC customer drops. The module can be installed in any of the 4 module locations.
The module is compatible with our extended shroud.

CODE

6.1.10

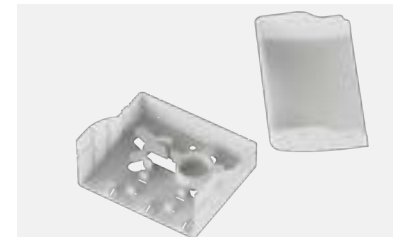


UFS – Ethernet Module

A UFS module designed to allow 12x SC/UPC customer drops or 24 LC/UPC customer drops. The module also allows for MPO termination for rapid fibre rollout.
The module can be installed in any of the 4 module locations.
The module is compatible with our extended shroud.

CODE

6.1.11

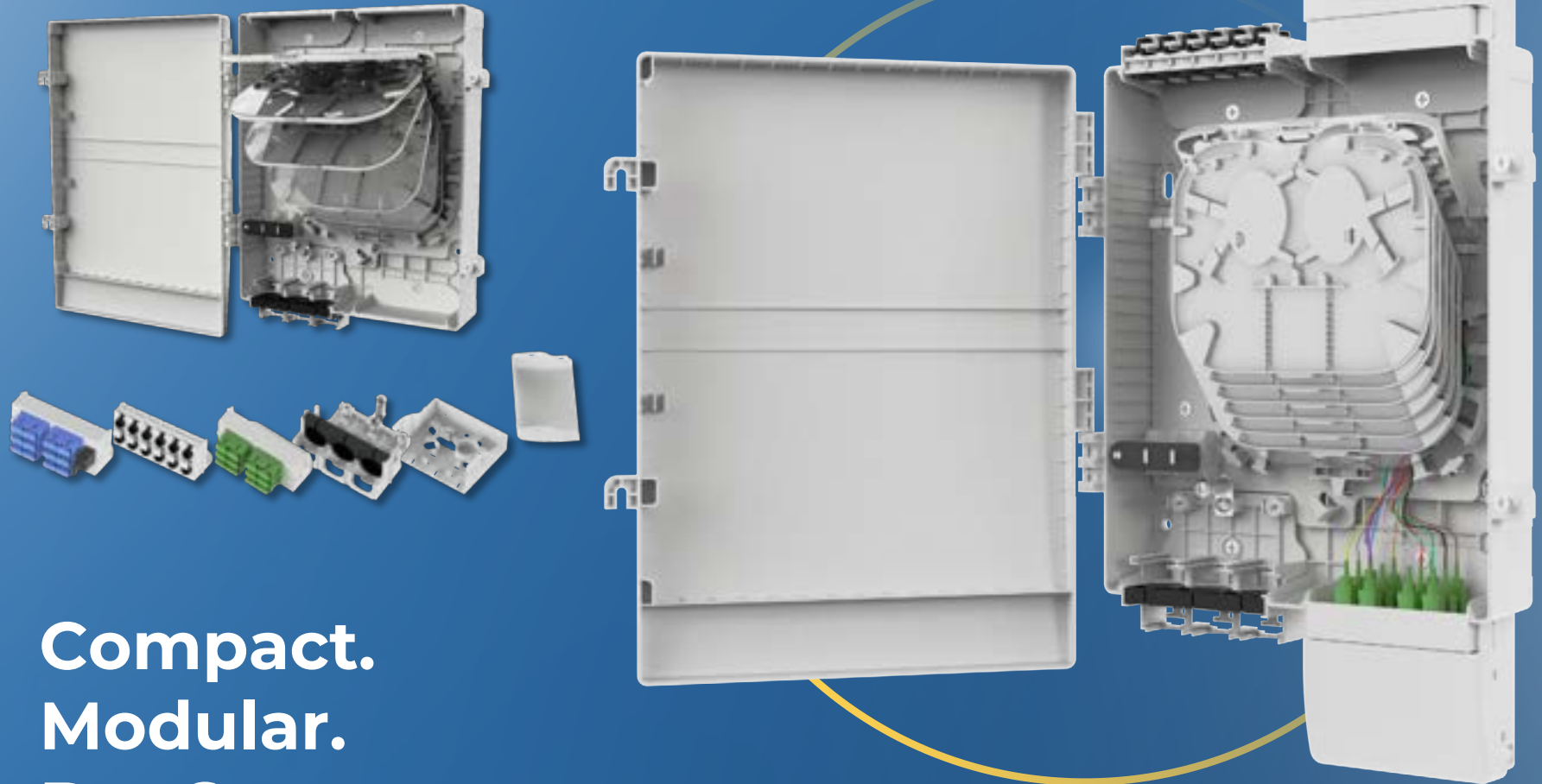


UFS – Extended Shroud

A UFS module designed to manage manifolded corridor cable and plug directly into our FTTH & Ethernet modules.

CODE

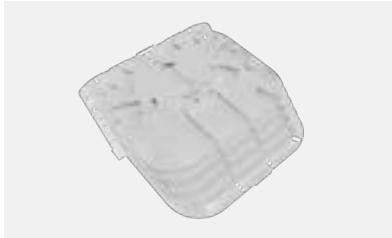
6.1.12



**Compact.
Modular.
DexGreen.**

6. MDU

1. BEP - BUILDING ENTRANCE POINT



UFS – Splice Trays

A 6 tray mounting plate that attaches inside the UFS. Each tray gives 12f splice capacity.

Trays have individual acrylic sheets for fibre protection.

CODE

6.1.13



Ethernet SC/UPC Pigtaills

Coloured Pigtail : 12 x Pigtail-SC/UPC
 Connectors - SC/UPC (Blue)
 Diameter 0.9mm (12 Nos/Pack)
 Length - 1.6m L(1.5m @ 250um, 0.1m @ 900um). Colour-coded to Openreach standard - 1 - Blue; 2 - Orange; 3 - Green; 4 - Red; 5 - Grey; 6 - Yellow; 7 - Brown; 8 - Violet; 9 - Black; 10 - White; 11 - Pink; 12 - Turquoise

CODE

6.1.14

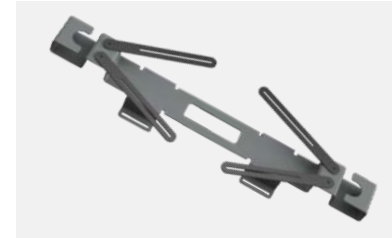


FTTP SC/APC Pigtaills

Coloured Pigtail - 12 x Pigtail-SC/APC
 Connectors - SC/APC (Green)
 Diameter - 0.9mm (12 Nos/Pack)
 Length - 1.6m L(1.5m @ 250um, 0.1m @ 900um). Colour-coded to Openreach standard - 1 - Blue; 2 - Orange; 3 - Green; 4 - Red; 5 - Grey; 6 - Yellow; 7 - Brown; 8 - Violet; 9 - Black; 10 - White; 11 - Pink; 12 - Turquoise

CODE

6.1.15



Universal Slack Management Bracket

Using a pivoting arm with slots allows 1 bracket to accommodate all 3 enclosures. This reduces material volume (weight and cost) and quantity of components required for stock holding.

- Enclosure sits proud to allow cable to exit duct.
- Fits around 30mm ducting.
- Has a Ducting Extraction Hole.
- 4x Pivotal mounting arms.
- Overlength storage (top and bottom).

CODE

6.1.16



Internal / External 144 port ODF

A large capacity external ODF suited to MDU scenarios. Capable of 144 connectorised drops this enclosure is ideal for large external MDUs.

- Closure works in a multitude of environments and scenarios.
- IPSS - suitable for aerial use.
- Front facing lock is hidden by clasp.
- Polymer Plastic built for the outdoors.
- 12x Cable Entry Ports system allows for 6 entries/exits per side.
- 72 pcs LC duplex adaptors 6x 24F splice trays.

CODE

6.1.17



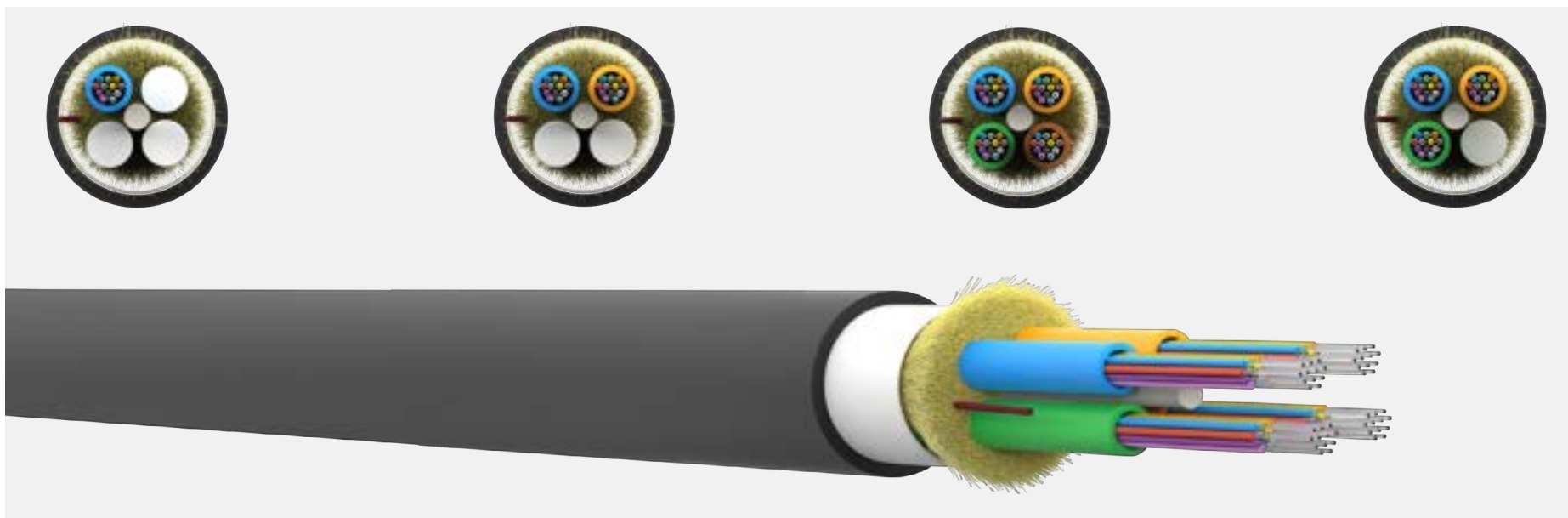
High Density 144f splice/patch closure

- X144 LC/APC overlength with 48f splice repair point.
- Incoming x4 36f LC/APC connectorised fan-tail.
- MPO Overlength with 48f splice repair point.
- 12x Quads (3 per operator).
- MPO connector port to outgoing.

CODE

6.1.18

Multicore Backbone Cable - 12f to 144f



CODE

6.2.1

DESCRIPTION

The fibre optic cable components include an FRP Strength Member, providing mechanical support and securing the cable, and Coated FRP, which reinforces and achieves the desired geometry for loose tubes.

The Primary Coated Fibre consists of silica, acrylate-coated, color-coded fibers, and the Loose Tubes have thixotropic gel-filled, bend-resistant fibers organized in 12f tubes, easily removable for splicing. Dummy Filler Elements are available for empty tubes, and Ripcords aid in longitudinal cable stripping.

Water Blocking Aramid Yarn offers excellent mechanical characteristics, while the LSZH Outer Sheath comes in multiple colors and meets CPR EuroClass CCA-s1b, d2, a2 standards.

FEATURES

- FRP strength member
- Coated FRP
- Primary coated fibre
- Loose tubes
- Dummy Filler elements
- Ripcords
- Water Blocking Aramid Yarn
- Outer Sheathing LSZH
- Water Blocking Tape

6. MDU

3. DISTRIBUTION POINT



Universal Fibre Solution

Universal Fibre Solution is a fully modular, low-footprint enclosure that caters for multiple configurations and cable sizes, i.e. BFT (Blown Fibre Tubes), splitter (in various counts), connectorized and various others according to the Operators' requirements.

The enclosure achieves this via a series of interchangeable entry ports and grommets, which make it suitable to receive all cable structures in the network at the same time in one compact consolidated closure.

CODE

6.3.1



Fibre Distribution Point

The FDP is a versatile solution that supports both MPO and SCAPC adaptors. It enables quick deployment of pre-connectorized setups for up to 12 customer drops. It can also be used for self-patching, serving as a test-point hub between distribution cables.

The FDP's plug-and-play design and customizable cable configurations allow for highly tailored fibre distribution solutions in MDUs.

CODE

6.3.2



Universal Building Box

Universal Building Box is a fully modular, low footprint solution that caters for multiple configurations, i.e. Splitter (in various counts), connectorized.

The enclosure achieves this via a series of interchangeable entry ports and grommets, which make it suitable to receive all cable structures in the network at the same time in one compact consolidated closure.

These ports can accommodate a multitude of cables in various diameters. These are all supplied with closure as standard.

CODE

6.3.3

Want More Information?

Our sales team would be happy to discuss product solutions with you!

For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

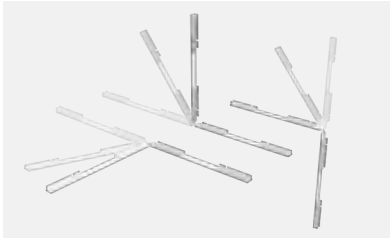
Or scan this QR code

We look forward to discussing your fibre requirements



6. MDU

4. DISTRIBUTION CABLE & ACCESSORIES



Universal Bend Managers

Innovative installation solution allowing for the fast installation of surface mounted cables while safely maintaining minimum bend radii around corners and bends across our cable range (0.9mm, 2mm, 2.9mm). The discrete nature of the bend managers allows for them to blend in with the setting while providing optimal safety and retention

CODE

6.4.1



Nano Cable Clips

- NanoClip Slot – Allows easy installing for NanoClips
- Simplistic Design – For ease of use
- Slim Design – Slim, pocket sized tool allows for maximum portability
- Colour – Black
- Installation Environment – Internal, on wall edges and ceilings. To be fitted every 300mm along a cable path
- Dimension – 160mm x 55mm

CODE

6.4.2

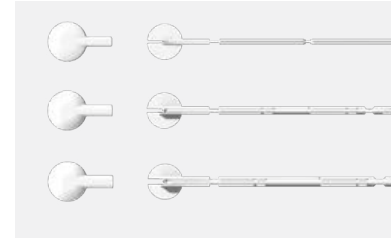


Glue / Adhesive Cable Fixing

DexGreen Glue dispensing tool allows for the controlled application of adhesives. Cartridges attach to the tool using wide flanges ensuring that the cartridge is secure inside the dispenser even under constant pressure, the force applied to the cartridge gives an even and reliable flow of adhesive. The dispenser allows for a quick change of cartridges.

CODE

6.4.3

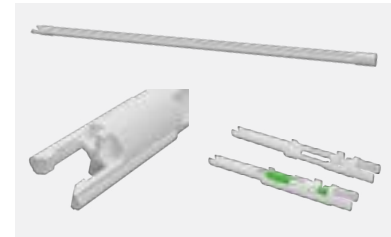


Cable Wall Entry Cover

A considerate fibre routing kit designed to be rapidly and discretely installed. Our wall mounted solution is ideal for retro-fitting or in-the-home routing.

CODE

6.4.4



Cabling Tool

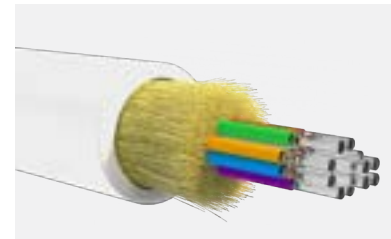
To aid the transition of cables between both internal and external wall, Dexgreen manufactures two options of a wall insertion tool to suit any install practice.

The SC-APC connector is clipped onto the rear of the assembly and pulled through the wall via a 300mm rod.

SC-APC clips into the rear of the tool. Pulling the connector through can ensure that any debris or rubble is cleared before the connector and cable are pulled over it.

CODE

6.4.5



Discrete 2.0mm (1 - 12f) Cable

Surface-mounted fiber cable for distribution or feeder use with extractable 250µm primary coated fibers. Suitable for internal wall or riser installations with proper conduit/sub-duct for mechanical protection.

Available in G657A2 or G657B3 fiber types, both bending insensitive.

Aramid yarn provides tensile strength and crushing resistance.

Compatible with DexTidy accessories

CODE

6.4.6

PRODUCT HIGHLIGHT

DISCRETE DISTRIBUTION CABLE

**Durable.
Discrete.
DexGreen.**

A2/ B3 Fibre Type &
1-24f Quantity Options

2.0mm – 3.0mm Jacket Options



Discrete



Internal / External Use



CPR Rated



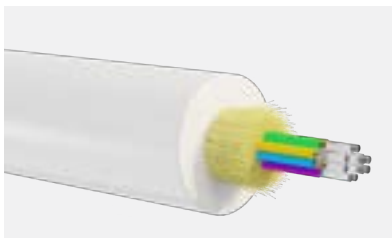
Durable



Excellent Optical
Performance

6. MDU

4. DISTRIBUTION CABLE & ACCESSORIES



CODE

6.4.7

Discrete 3.0mm (1 - 24f) Cable

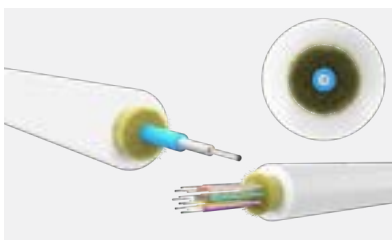
Surface-mounted fibre cable for distribution or feeder use with extractable 250µm primary coated fibres. Suitable for internal wall or riser installations with proper conduit/sub-duct for mechanical protection.

Available in G657A2 or G657B3 fibre types, both bending insensitive.

The standard length is 1000 meters.

Flame retardant with CPRB2 cas1ad0 a1 rating.

Compatible with DexTidy accessories



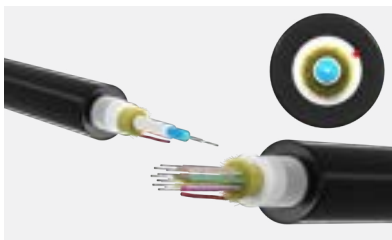
CODE

6.4.8

Ruggedised 4.8mm (1 - 12f) cable

Ruggedized fibre optic cable for internal and external environments. Pre-connectorised option available with SC/APC connectors. Multiple colours available depending on Operators' requirements. Easy fibre preparation using standard tools.

Cable is robust and can be fixed through multiple methods without significant damage to cable components including no evidence of splitting and with no change in optical performance.



CODE

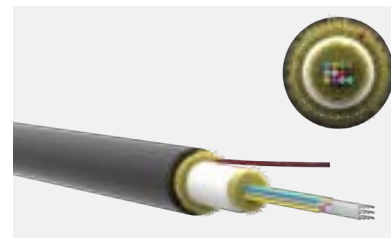
6.4.9

Ruggedised Dual Jacket 5.0mm (1-12f) cable

Inside/out customer lead-in cable suitable for installation within the most challenging installation scenarios.

Cable can be customised further per any unique end user requirements; i.e. cable jacket colour; properties; fibre count.

The cable is available connectorised and packaged per various end user requirements.

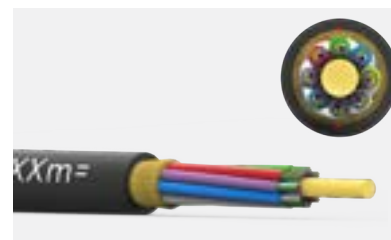


CODE

6.4.10

Ruggedised 6.0mm (1 - 12f) cable (MPO Cable)

This cable meets fire safety, water resistance, UV stability, and optical performance needs, suitable for both indoor and outdoor use. Its LSZH materials, water-blocking aramid yarn, and MPO connectors emphasize durability, easy installation, and lasting efficiency, making it versatile and reliable for various communication setups.



CODE

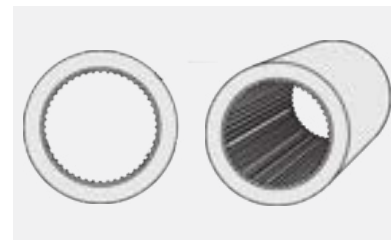
6.4.11

Blown Cable (12 - 24f)

Round profile UG cable containing modular tubes @ 12 fibres / tube. The cable is designed for Underground (UG) installation in telecommunication network infrastructures.

Provides increased mechanical protection for modular fibre tubes.

Provides excellent mechanical performance.



CODE

6.4.12

14/10mm LSZH Duct

LSZH microducts with low friction are ideal for fibre blowing. They have a sheath of LSZH material, providing excellent fire performance. These lightweight, metal-free, and flexible microducts are designed for indoor installation.

Internal Texturing options; - Smooth, Ribbed

6. MDU

5. DEMARCATION / POINT OF ENTRY ENCLOSURE



Inline Splice Closure

Discrete closure designed for the quick splicing of fibre cable from 2.9 – 6mm within the premises. Includes ability to hold one splice along with specially designed mechanical strain relief to remove the need for screws or cable ties to provide a universal strain relief to a wide range of cable diameters and structures

CODE

6.5.1



POE with 1 x SC/APC

The POE 1x SC/APC Enclosure is inline in design, with a figure of 8 overlength storage bay. A Single SC/ APC adaptor allows for connectorised drops through the large opening in the rear. A splice point is also provided.

The enclosure is best suited above doorways in surface mounted cable scenarios, allowing for direct drop into customer premises.

CODE

6.5.2



POE with 4 x SC/APC

The internal outlet is inline in design, with a figure of 8 overlength storage bay. 2x SC/APC duplex adaptors are housed in a cradle allowing for connectorised drops.

The SC/APC cradle is removable, and 4 rear exits are provided to help with ease of install. Rear exits are large enough to allow for dual connectorised installs.

The lid is snap-fit into place and features an embossed operator logo and fibre warning.

CODE

6.5.3



POE with 12f splice

The internal outlet is designed with an inline figure of 8 storage bay. It has a single SC/APC adaptor for connectorised drops and a splice point.

There is a multiple-splice variant available with six splice cradles for up to 12 fibres. The lid is snap-fit and features an embossed operator logo and fibre warning.

CODE

6.5.4



CSP with 1 x SC/APC

External demarcation enclosure for FTTH networks, with either splicing or connector connectivity options, therefore acting as a test point in the network also. Multiple cable entries/exits give installer flexibility for all installation scenarios.

CODE

6.5.5



SMDU Wall Box with 4 x SC/APC

x4 splice protectors double stacked and 4x SC/APC adaptors included for up to 4 subscriber ports. Removable bracket for easy access and testing. Multiple different ports ensure flexibility for installation. Removable reel for managing incoming drop cables. The SMDU wall Box is made from ASA UV stabilized for durability. IP54 external enclosure designed for overhead use on façades. Compact dimensions (W144 x L156 x H37.5mm) with high density for increased functionality.

CODE

6.5.6

6. MDU

5. DEMARCATION / POINT OF ENTRY ENCLOSURE



12f CSP

An external CSP capable of accommodating 12f SC-APC connectorized cable with splice provisioning.

Connectorized MPO in to 12f out – acting as a waterproof floor distribution point.

CODE

6.5.7



External Façade Enclosure

The External Façade Enclosure allows for up to 4 customer drops through both connectorised and non-terminated means. The Inline design can stack these enclosures in sequence, allowing for a daisy chaining of customer drops.

This solution is best suited to retrofitting scenarios where internal installations are not possible.

Pair this with our External Lead in Cover for a full external solution.

CODE

6.5.8



External Cable Lead In Cover

The external lead-in cover offers a strong retention point for lead-in cables to the home.

Featuring a conduiting tunnel and assistive bending ramp the fibre is fully protected on entry to the home, and the toolless lid tidies up the whole assembly, masking any blow out or silicone squeeze-out.

Pair this with any of our external demarcation enclosures for a full external solution.

CODE

6.5.9

Need Something Custom?

We offer bespoke solutions and would be happy to tailor products to your needs.

For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

Or scan this QR code

We look forward to discussing your fibre requirements



PRODUCT HIGHLIGHT

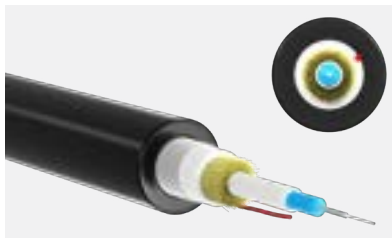
HORIZONTAL INLINE PRODUCTS



Simple.
Comprehensive.
DexGreen.

6. MDU

6. CUSTOMER LEAD IN CABLE



Dual Jacket - Inside/Outside Lead In Cable

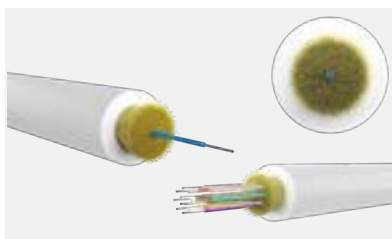
Inside/out customer lead-in cable suitable for installation within the most challenging installation scenarios.

Cable can be customised further per any unique end user requirements; i.e. cable jacket colour; properties; fibre count.

The cable is available connectorised and packaged per various end user requirements.

CODE

6.6.1



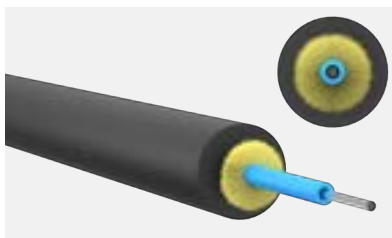
4.8mm 1F, 2F, 4F, 8F, 12F Ruggedised drop cable - 250um

Ruggedized fibre optic cable for internal and external environments. Pre-connectorized option available with SC/APC connectors.

Cable is robust and can be fixed through multiple methods without significant damage to cable components including no evidence of splitting and with no change in optical performance.

CODE

6.6.2

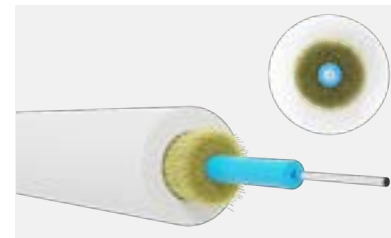


3.0mm Drop Cable

The 3mm Drop Cable is suitable for installation with multiple clamps, for example; spiral wraps and mandrel clamps with excellent performance. Tested under a range of environmental conditions and PIA-approved. The cable can be tailored to the requirements of multiple operators for example jacket colour, connectivity requirements (i.e. LC/APC, etc).

CODE

6.6.3



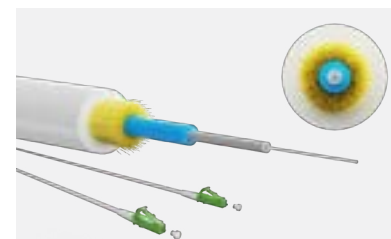
4.0mm Drop Cable

Ruggedized fibre optic cable for internal and external environments. Pre-connectorized option available with SC/APC connectors.

Cable is robust and can be fixed through multiple methods without significant damage to cable components including no evidence of splitting and with no change in optical performance.

CODE

6.6.4



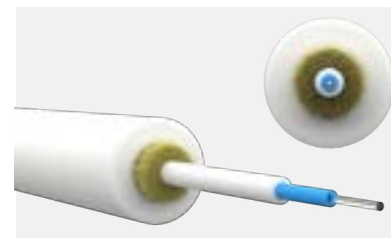
3.0mm LSZH Drop Cable

Round fibre optic cable for internal and external environments. Pre-connectorized option available with SC/APC & LC/APC connectors.

Cable is robust and can be fixed through multiple methods without significant damage to cable components including no evidence of splitting and with no change in optical performance.

CODE

6.6.5



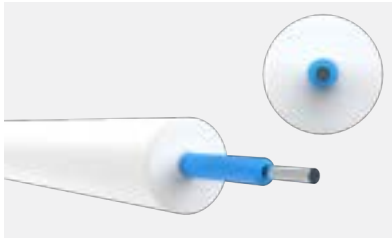
4.8mm 1F Ruggedised drop cable - 900um

Ruggedized fibre optic cable for internal and external environments. Pre-connectorized option available with SC/APC connectors.

Cable is robust and can be fixed through multiple methods without significant damage to cable components including no evidence of splitting and with no change in optical performance.

CODE

6.6.6

6. MDU**6. CUSTOMER LEAD IN CABLE****900µm 1f Discrete Drop**

900µm round profile drop cable with coloured primary coating.

Cable is compatible with our DexTidy system for visually discrete deployment of wall mounted fibre .

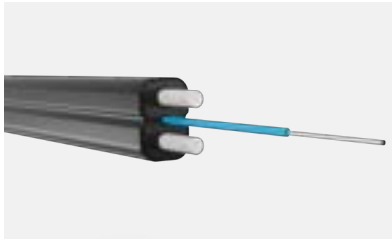
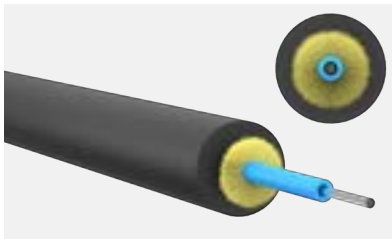
CODE**6.6.7****Pushable 2x3mm Drop**

Figure-8 profile cable with 900µm module in centre.
2x strength members help support the cable across longer spans and make for easy tearing of outer jacket for connections.

CODE**6.6.8****3.0mm Pushable Drop Cable**

The 3mm Drop Cable is suitable for installation with multiple clamps, for example; spiral wraps and mandrel clamps with excellent performance. Tested under a range of environmental conditions and PIA-approved. The cable can be tailored to the requirements of multiple operators for example jacket colour, connectivity requirements (i.e. LC/APC, etc).

CODE**6.6.9****Want More Information?**

Our sales team would be happy to discuss product solutions with you!

For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

Or scan this QR code

We look forward to discussing your fibre requirements



6. MDU

7. FIBRE TERMINATION OUTLET



Internal CSP – Small Customer Service Point

The small internal CSP is a reversible inline enclosure capable of servicing 8 customer drops.

It features a toolless snapfit lid which can be installed in two directions.

It also features a large figure of 8 overlength bay, 8x splice capacity cradle and 8 cable retaining flaps.

CODE

6.7.1



Internal CSP – Medium Customer Service Point

The medium internal CSP is a minimally invasive discrete enclosure.

- Materials – UL94 V-0 25-year life expectancy white ABS
- Dimensions – 85mm x 140mm

CODE

6.7.2



Internal CSP – Large Customer Service Point

- Connectivity – 1x SC/APC Adapter
- Strain Relief – Cable tie points included for strain relief
- Cable Ports – 4 outgoing ports and 1 incoming port
- Splicing – 8 x splice protector cradles
- Removable Lid – Snap fit lid promotes ease of install
- Logo
- Fibre Optic Symbol – moulded into lid

CODE

6.7.3



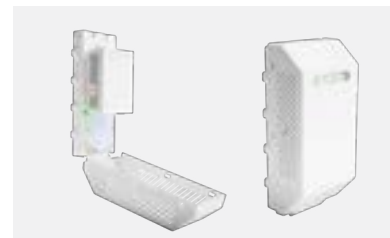
Type 1 - Standard

Overview: Compact termination box that houses Huawei EchoLife HG8010H ONT, model number.

Indicative Dimensions:
215(H)*100(W)*45(D)mm.

CODE

6.7.4



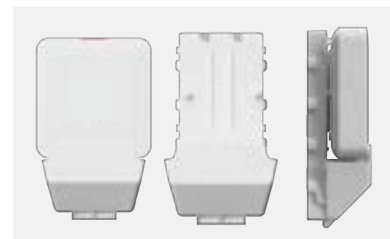
Type 2 – Covered Enclosure

Compact termination box that contains a pre-determined length patch cord and a large amount of room for slack cable.

- Materials – White ABS/FR suited for internal use.
- Dimensions – 170(H)*80(W)*50(D)mm.

CODE

6.7.5



Type 3 – Large XGS-PON

Compact termination box that houses Huawei ONT.

Available in 2 options:

- Option 1 - Includes SC/APC adapter only
- Option 2 – Includes SC/APC connectorized pig tail ready for splicing to incoming drop cable

CODE

6.7.6

PRODUCT HIGHLIGHT

COMBINATION NTU/ONT

**Tidy.
Discrete.
DexGreen.**



6. MDU

7. FIBRE TERMINATION OUTLET



Type 4 – Complete Enclosure

Overview: Compact fibre termination point that allows for large ONT's to be mounted onto the frame.

Indicative Dimensions:
124(H)*190(W)*50(D)mm.

Application: This is a fully enclosed solution that safely stores and manages incoming fibre cable while discretely storing the ONT in the same footprint.

CODE

6.7.7



Type 5 – Overlength Mount Frame

Overview: Compact fibre termination point that allows for large ONT's to be mounted onto the frame.

Indicative Dimensions:
215(H)*100(W)*45(D)mm.

Application: This is a fully enclosed solution that safely stores and manages incoming fibre cable while discretely storing the ONT in the same footprint. This closure allows for the option of using pre-connectorized drop cable and using a Hardened field connector.

CODE

6.7.8



CCR – Customer Connect Reel

Overview: A dual-terminated fibre spool allowing exact length drawing to a customer drop point

Indicative Dimensions: 82x82x32

Application: This is a fully enclosed solution that safely stores and manages fibre cable from a POE to an ONT or other FWA

CODE

6.7.9

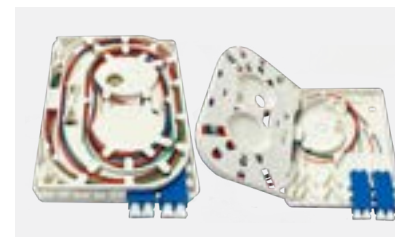


FWA- 4f

- Optical fibre broadband access network, FTTH optical fibre and wall type optical fibre distribution unit.
- Versatile 4 port (SC Simplex) FTTH Wall box that can be used in a range of applications. Typical application is FTTH Termination point.

CODE

6.7.10



Termination Outlet

- Dimensions – 105(H)*80(W)*20(D)mm
- Application – the operator guides incoming 4.8mm ruggedized cable into the termination outlet before splicing onto the pre-installed LC/UPC 1.5m pigtails
- Colour – White ABS Material
- Specification – 1.5m G657A2 LC/UPC Pigtails included in outlet

CODE

6.7.11



FWA-86x86mm

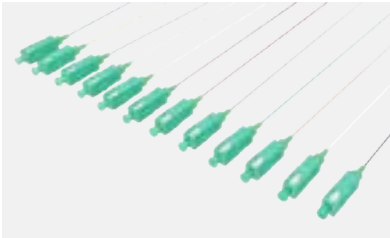
- Dimensions: 86mm (L) x 86mm (W) x 20mm (H)
- Locking Mechanism: Plastic clip
- Capacity: 2 splices and place them in designated areas.
- Cable Entry Ports: 2
- Adapter Capacity: 2

CODE

6.7.12

6. MDU

8. FIBRE CONNECTIVITY ACCESSORIES

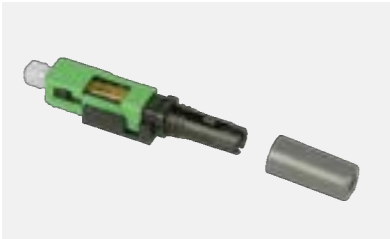


Pigtails

Overview: Pigtail SC/APC SM 9/125 G657A2 0.9mm
 Configuration: Multiple possible with various connectors, diameters and colour codes.

CODE

6.8.1



Field Connectors

- Overview: A ready-to-install connector for mechanically splicing to a cleaved fibre end for termination. Supports several cable types and available in two configurations.
- Cable types supported: Enables fast and on-site installation of 250µm, 900µm, 3.0mm and 1.6mm x 2.0mm, 2.0mm x 3.0mm cable type connectors by changing protection tubes. See Technical Specifications for further details.
- Connector Types: SC/APC; SC/UPC; LC/APC; LC/UPC; FC/PC; etc..

CODE

6.8.2



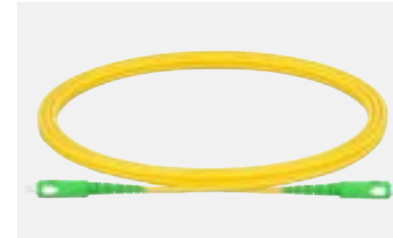
Splice Protectors

Standard metal rod reinforced dual-wall heat shrink splice protectors for single element splicing.

Available in 45mm & 60mm lengths

CODE

6.8.3

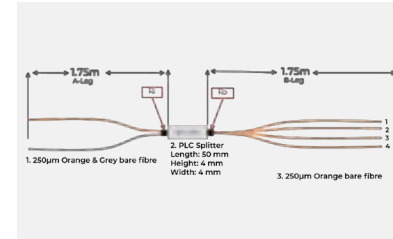


Patch Cords

Pre-Connectorised on both ends
 LSZH flame retardant
 Configuration: Multiple lengths, diameters, fibre types, connectors, etc.
 Fibre Counts: Multiple (depending on operators' requirements).

CODE

6.8.4



Optical Fibre Splitters

Size: 4 x 7 x 60mm (note: other sizes available) through qualification test of this product, we ensure product reliability.
 Several qualification tests are carried to assure the product's performance and durability while operation.
 All materials for the connectors meet RoHS.

CODE

6.8.5

6. MDU

8. FIBRE CONNECTIVITY ACCESSORIES

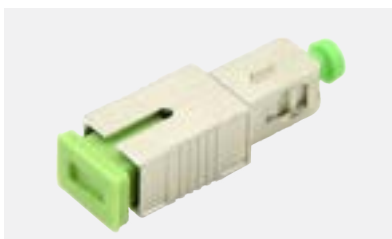


Fibre Optic Adaptors

Reliable fibre optic cable adapters, used for pairing two connectorized cables. Available for all connector types, including hybrid connectors for pairing different connector types.

CODE

6.8.7



Fibre Optic Attenuator

Highly reliable fibre optic attenuators available in all connector options. Typically installed close to the terminating system to reduce signal strength to required level, which prevents equipment failure.

CODE

6.8.8



Fibre Optic Cassette

Full range of optical receivers available to meet all requirements. Items can be tailored to suit any configuration required. Used as a connection / splicing point between active equipment and terminal equipment within Patch Panels in the Central Office / Base Station.

CODE

6.8.9



DexTrolley Pulling System

DexTrolley is an innovative product which allows complete control of cable drum dispensing, because of its effective braking system. DexTrolley prevents unnecessary cable uncoiling, therefore making it a risk preventative product, whilst being compact and mobile.

CODE

6.8.10

7. Tools and Equipment

1. SPLICE MACHINES & CLEAVERS



CODE

7.1.1

FibreFox Fusion Splicer Mini12R+

Fiber Fox MINI 12R is the Smallest and the lightest ribbon fiber fusion splicer with guaranteed stability and splicing performance. The mini 12R is MPO SOC compatible, heats up in just 20 seconds, and can splice single mode fiber cable in just 15 seconds all while being controlled by a full touch screen pad.



CODE

7.1.4

FiberFox Fusion Splicer Mini4S+

The Mini4S+ comes with all the same excellent specifications as other FiberFox Core Alignment Fusion Splicers but with extra enhancements so that users spend even less time on each termination. This unit is still the same compact size for convenient transportation and storage and comes with a full range of accessories and spares.



CODE

7.1.2

FibreFox Fusion Splicer Mini 22a

Brief The Mini 22A active alignment splicer with it's innovative design and improved technology greatly reduces splicing and heating time.



CODE

7.1.5

FibreFox Fusion Splicer Mini 6S+

The Mini 6S+ comes with all the same excellent specifications as other FiberFox Core Alignment Fusion Splicers but with extra enhancements so that users spend even less time on each termination. This unit is still the same compact size for convenient transportation and storage and comes with a full range of accessories and spares.



CODE

7.1.3

FibreFox Fusion Splicer Mini5C+

Mini 5C+ fusion splicer with digital zoom and DCID (Digitalised Core Image Detecting) system from FiberFox. The Mini 5C+ has an average 0.02 dB splicing loss and 6 seconds fast performance. In addition, it can heat shrink a splice protector sleeve in 10 seconds from room temperature and in 6 seconds with continuous heating. It also uses two batteries lasting 600 cycles of splicing and sleeve heating. Furthermore, FiberFox Mini 5C+ has LED lighting, a tempered glass touch screen, and it is compatible with SOC (splice on connectors).



CODE

7.1.6

FiberFox Fusion Splicer Mini5C+ Compact Splicer

Mini5C+ includes a larger more durable case, LED lights instead of mirrors, auto-rotate screen monitor. Redesigned and faster heater (10s for 60mm sleeve) and preheat heating mode (6s for 60mm sleeve). Higher screen resolution, innovative splice tray holder.

7. Tools and Equipment

1. SPLICE MACHINES & CLEAVERS



FibreFox Fusion Splicer 100CA+ 4in1

The Mini 100CA+ 4-in-One Splicer strips, cleaves and splices - all in one machine! A core alignment splicer, one-click cleaver and auto-stripper all in one.

CODE

7.1.7



Fiberfox Fusion Splicer 6S+ Compact

The Mini 6S+ comes with all the same excellent specifications as other FiberFox Core Alignment Fusion Splicers but with extra enhancements so that users spend even less time on each termination. This unit is still the same compact size for convenient transportation and storage and comes with a full range of accessories and spares specifications

CODE

7.1.8



Fibre Optic Cleaver

- A precision mechanical cleaver which provides a clean, flat fibre cut for splicing or connectorising. Multiple models/designs available. Purpose is to provide the customer with solutions at multiple price points
- Applicable Fibre: 250µm; 900µm; 2mm; 3mm
- Cleaving length: multiple
- Cleaving Angle: 0.5 Degrees (typical)
- Blade life: up to 50,000 cleaves
- Dimensions and Weight: multiple options available

CODE

7.1.9

Want More Information?

Our sales team would be happy to discuss product solutions with you!

For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

Or scan this QR code

We look forward to discussing your fibre requirements



7. Tools and Equipment

2. CLEANING EQUIPMENT



CODE

7.2.1

One Click Cleaner

- High-performance pen In-adaptor ferrule cleaner.
- 1.25mm and 2.5mm tips are available
 - The cleaner is dry cloth cleaner specially designed to clean single fibre connectors in an adapter, faceplate or bulkhead
 - The dust cap of the cleaner acts as an adapter for cleaning unmated connectors
 - Disposable with 800 cleanings per unit, made from antistatic resins
 - Easy pushing motion engages connector and initiates cleaner
 - Extendable tip reaches recessed connectors



CODE

7.2.3

Cleaning Wipes - Fibre Optic Cleaning Wipe

- Wood pulp and polyester.
- Wave pattern and teeth pattern.
- Virtually no lint.



CODE

7.2.2

FTTH Technician

- Technician's kit, complete with fibre strippers, Kevlar scissors, fibre cleaner and all the tools required for FTTH deployment.
- Kit Contents: 1 x Tri-Hole Fiber optic stripper TFS-392
 - 1 x KEVLAR Scissor KC-1
 - 1 x 6" Side Cut Pliers 130mm
 - 1 x Ideal 45-163 Blue Buffer Tube Stripper
 - 1 x Optical Fiber Precision Cleaver FC-6S w/Bin attached
 - 1 x PON Power Meter, 1310/1490/1550nm
 - 1 x Visual Fault Locator VFL-10S
 - 1 x 2.5mm One-Click Cleaner SC/FC/ST
 - 1 x 1.25mm One-Click Cleaner LC/MU
 - 1 x Optical Cassette Cleaner NEOCLEAN-N
 - 1 x FBT Fiber Optic Cleaning Cube, 120 wipes
 - 1 x 250ml Twist-Lock Automatic Alcohol Dispensing Bottle
 - 1 x Fiber Optic Disposal Unit
 - 1 x Precision Steel tweezers
 - 1 x Black Marker
 - 1 x Deluxe Carrying Tool Case (370x265x138mm)



CODE

7.2.4

Cleaning Pen - MPO Cleaner

- Effective on a variety of contaminants including dust and oils.
- Integrability with FOCIS-5 (MPO).
- Capable of cleaning ferrules with or without guide pins.
- Capable of cleaning MPO ferrules inside or outside an MPO adapter.
- Narrow design reaches tightly spaced MPO adapters.
- Easy one-handed operation.
- Up to 500 clicks.



CODE

7.2.5

Fibre Connector Cleaner Cassette

- Directly clean without any liquid.
- Each unit cleans more than 500 times.
- Can clean the connector SC, SC2, FC, ST, DIN, D4, MU, LC, MT.
- Low cost and high quality of cleaning material, economical and practical.
- Size: 12.5cm x 6.5cm, weight: 100g
- Humidity: 20% to 80% R.H
- Preservation temperature 40°C to 60°C
- Preservation temperature 40°C to 60°C

7. Tools and Equipment

3. TOOLS



Fibre Stripper

Description : Used to strip outer LSZH sheathing from distribution / drop cable.

CODE

7.3.1



Midspan Slitter

Description: Used to strip longitudinal sections of cable, exposing fibres for splicing.

CODE

7.3.2



Kevlar Scissors

Description: Used to cut aramid yarn when exposing fibres from cable.

CODE

7.3.3



Fibre Optic Microscope - FMS

- The FSM series fibre microscope utilizes a white LED for coaxial illumination.
- Light is introduced into the optical path (axis) in such a way as to strike the sample perpendicular to the fibre end-face.

CODE

7.3.4



Fibre Optic Microscope – HMS200

- Optical magnification : 200x
- Both PC and APC end face inspection
- Built-in infrared attenuation filter for safety and reliability.
- Momentary on/off switch control.
- Precise focal length adjustment.

CODE

7.3.5



Fibre Optic Microscope – HMS400

- Optical magnification : 400x
- Both PC and APC end face inspection
- Built-in infrared attenuation filter for safety and reliability.
- Momentary on/off switch control.
- Precise focal length adjustment.

CODE

7.3.6

7. Tools and Equipment

3. TOOLS



MILLER FIBRE OPTIC INSPECTION MICROSCOPE 200X

- Achromatic glass lens for excellent image quality.
- Universal 2.5 mm adapter included which fits almost all ST, SC and FC connector ferrules.
- Integrated laser safety filters (not intended for viewing lit fibres).

CODE

7.3.7



MILLER FIBRE OPTIC INSPECTION MICROSCOPE 400X

- Coaxial Illumination by LED light giving up to 100,000 lamp hour life and extended battery life.
- Side illumination port allows back lit inspection of jumpers and can be used as a fault finder.
- Body of durable aluminum comes in soft padded storage case.

CODE

7.3.8



STRIPPER - 1 HOLE STRIPPER

- For stripping 250 micron buffer coating to expose 125 micron clad fibre. For stripping 2-3mm fibre jackets.
- Removal of 250 micron buffer coating from 125 micron fibre.
- Pre-set at factory - no adjustments needed.
- Will not scratch or nick glass fibre.
- All stripping surfaces are manufactured to precise tolerances to assure clean, smooth strips.
- Comfort-grip, ergonomic handles.

CODE

7.3.9



LENGTHWAYS STRIPPER

- Impact-resistant plastic material
- Safe and simple handling
- No risk of injuries

CODE

7.3.10



DROP CABLE STRIPPER

- Impact resistant plastic material
- Adjustable slitting depth
- Double bladed knife made from hardened special steel

CODE

7.3.11



STRIPPER - BUFF TUBE STRIPPER COAXIAL STRIPPER UP TO 1/8 INCH

- Adjustable blades can be set for any depth to help ensure neck-free strips.
- Use with twisted-pair wire, tightly wrapped stranded cables, CATV cable, CB antenna cable, SO, SJ, SJT, and other types of flexible power cords.
- Includes three straight and one round blade.

CODE

7.3.12

7. Tools and Equipment

3. TOOLS



STRIPPER - 2 OR3 HOLE FIBRE STRIPPER CFS-3

- For stripping 250 micron buffer coating to expose 125 micron clad fibre.
- For stripping 2-3mm fibre jackets.
- Removal of 250 micron buffer coating from 125 micron fibre.
- Pre-set at the factory - no adjustments needed
- All stripping surfaces are manufactured to precise tolerances to assure clean, smooth strips.

CODE

7.3.13



STRIPPER - COAXIAL STRIPPER, 1/8 INCH TO 7/32 INCH

- Adjustable blades can be set for any depth to help ensure neck-free strips.
- Use with twisted-pair wire, tightly wrapped stranded cables, CATV cable, CB antenna cable, SO, SJ, SJT, and other types of flexible power cords.
- Includes three straight and one round blade.

CODE

7.3.14



STRIPPER - FOT-103

- FOT-103 fibre optic 3-way stripper is the ideal tool for stripping 125 micron glass fibres with 250 micron buffer coating without scratching or nicking the glass fibre.
- Three-hole model performs all common fibre stripping functions in one compact tool.
- Standard 250 to 125 micron stripping.
- Remove 900 tight buffer to 250 micron buffer coating.
- Hole for removal of 2-3 mm fibre jackets.

CODE

7.3.15



ADJUSTABLE WIRE STRIPPER AND CUTTER

- Strips and cuts insulated wire sizes from #22 AWG (0.65 mm) to #10 AWG (2.6 mm).
- Cam adjusts easily to fit wire size.
- Pressure is against the cam, not on the set screw.
- Opening spring and closing lock feature.
- Ideal for all applications.
- Ground and underground versions available.
- Soft plastic coated handles.

CODE

7.3.16



MID-SPAN SLITTER

- Specialized for optical fibre outer jacket mid-span cutting.
- Available for indoor optical fibre.
- Compact and portable.
- Easy to operate and handle.
- 4-5 slots for different diameter cable.

CODE

7.3.17



FIBRE CABLE SLITTER

- V-opening in blade.
- Perfect tool for cutting jackets from a variety of fibre optic cable.
- Cables of loose or ribbon.
- For various size of cable.
- 10-25mm diameters cables.

CODE

7.3.18

7. Tools and Equipment

3. TOOLS



FIBRE OPTIC CABLE SLITTER

Adjustable blades can be set for any depth to help ensure neck-free strips.
 Use with twisted-pair wire, tightly wrapped stranded cables, CATV cable, CB antenna cable, SO, SJ, SJT, and other types of flexible power cords
 Includes three straight and one round blade.

CODE

7.3.19

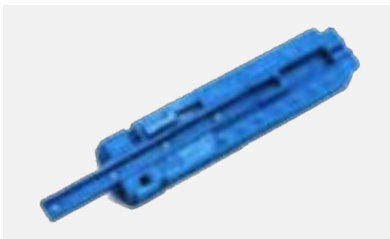


400S FIBRE JACKET SLITTER

- Miller 400 series fibre buffer tube and drop cable slitter.
- For mid-span and end slitting of fibre buffer tubes and fibre drop cable.
- Different models available matched to the size of buffer tube or drop cable to be prepared.
- Dual-blade design.
- Self-closing for safety, Latch locks tool closed, Comfortable soft plastic grips.

CODE

7.3.20



FIBRE OPTIC DROP CABLE SLITTER AND LENGTH BAR

Designed for fibre optic cable preparation.

CODE

7.3.21



FIBRE OPTIC KEVLAR CUTTER

- Designed to cut Kevlar strength members in fibre optic cables.
- Powerful quick cutting action.
- Full serrated edge for consistent, fast and clean cuts.
- Lightweight and compact.
- Return spring designed for precise repeated cuts.
- Ergonomic handles with cushioned non-slip grips
- Made of high carbon steel specially treated for long life and trouble-free cuts.

CODE

7.3.22



MSAT 16 MID-SPAN ACCESS TOOL

CODE

7.3.23



RBT Tool

CODE

7.3.24

7. Tools and Equipment

3. TOOLS



CB 276A (FOR AJS)

CODE

7.3.25



FS300 FIBRE-SAFE®
SAFETY GLASSES

CODE

7.3.28



FS600 FIBRE-SAFE® LEXAN
POLISHING PLATE

CODE

7.3.26



RATCHETING FIBRE OPTIC
CRIMP TOOL

CODE

7.3.29



FS100 FIBRE-SAFE® POLISHING
MAT

CODE

7.3.27



100 Adjustable Wire Stripper
& Cutter

CODE

7.3.30

7. Tools and Equipment

3. TOOLS



721 MULTI-WIRE
STRIPPER/CUTTER WITH
CUSHIONED GRIP AND
HANDLE LOCK

CODE**7.3.31**

RJC RJ STYLE RATCHETING
CRIMPING TOOL (8P,6P,4P)

CODE**7.3.32**

BTC BT/RJ STYLE RATCHETING
CRIMP TOOL

CODE**7.3.33**

CK6 6-1/4" CABLE
SPLICER'S KNIFE

CODE**7.3.34**

CSH96 SPLICER'S TOOLS
HOLSTER

CODE**7.3.35**

R22 SOFTY ROLL MAT -
22"X180 V (PRICE PER LINEAR
FT)

CODE**7.3.36**

7. Tools and Equipment

3. TOOLS



226 TWEEZERS - CARBON
SERRATED

CODE

7.3.37



231 TWEEZERS - STAINLESS
SERRATED

CODE

7.3.38



5SA TWEEZERS - STAINLESS
NEEDLE TIPS

CODE

7.3.39



DSG PRM 587 AS, ANTI-
STATIC DESOLDERING
GUN

CODE

7.3.40



REPLACEMENT NOZZLE

CODE

7.3.41



DSG PRM 587 MICRO WITH
SAFETY SHIELD

CODE

7.3.42

7. Tools and Equipment

3. TOOLS



UDT 711-250

CODE

7.3.43



CTX - EX/RG7/RG11
COMPRESSION TOOL

CODE

7.3.44



CAT Universal

CODE

7.3.45

Want More Information?

Our sales team would be happy to discuss product solutions with you!

For datasheets, technical specifications, and installation videos, please check out our new website at www.dexgreen.com

Or scan this QR code

We look forward to discussing your fibre requirements



7. Tools and Equipment

4. Test Equipment



PON Power Meter - Handheld,
1310/1550±20NM, FC PORT

- Laser output with high-stability, multi-wavelength and single/multi-mode.
- Large LCD display.
- Switch button for changing operating wavelength and easy to operate.
- Long working hours.
- FC port.

CODE

7.4.1



PON Power Meter - Handheld,
1310/1550±20NM, FC/SC/
ST Interchangeable Port

- Laser output with high-stability, multi-wavelength and single/multi-mode.
- Standard FC/SC/ST interchangeable port.
- Auto power off after 10 minutes without operation.
- Low battery voltage detection.
- Adjustable output power.

CODE

7.4.2



PON Power Meter - Handheld,
850/980/1300/1310/1490/1550nm;
Measurement range:
-50+26dBm; FC Port

- User self-calibration function.
- Power measurements in dBm or Mw.
- Auto power off after 10 minutes without operation.
- FC port.
- Backlight LCD display for night operation.

CODE

7.4.3



Visual Fault Locator - BML207-1

- Output power: >1mW
- Dynamic distance: >5 km
- Support CW and 2Hz modulation work mode
- Solid design: Use special laser and design to avoid damage when dropping on the floor.
- Stable power output: Use special laser driver circuit, which can ensure stable power output in low battery state.
- 2.5mm universal adapter, can match SC/LC adapters.

CODE

7.4.4



Visual Fault Locator BML206-25 -
VFL

- Output power: >1mW
- Dynamic distance: >5 km
- Support CW and 2Hz modulation work mode
- Solid design: Use special laser and design to avoid damage when dropping on the floor
- Stable power output: Use special laser driver circuit, which can ensure stable power output in low battery state.
- 2.5mm universal adapter, can match SC/LC adapters.

CODE

7.4.5



PON Power Meter - PON
Power Meter AOF500, SC/APC

- Providing distinct power values for 1310nm.
- 1490nm and 1550nm.
- Pass-through measurement.
- Simultaneously measure and display of voice, data and video signals on different PON architectures.
- Manual calibration.

CODE

7.4.6

7. Tools and Equipment

4. Test Equipment



PON Power Meter - FBM430

- Provides distinct power values for 1310nm, 1490nm and 1550nm.
- Pass-through measurement.
- Simultaneously measures and display of voice, video, data and video signals on different PON architectures.
- Manual calibration.

CODE

7.4.7



SC adapter for BOU350T - SC Adapter

- Accessory for the PON Power Meter BOU350T

CODE

7.4.10



Light Source - Optical Laser Source - BOU350-S3S5 (1310&1550)

- 1~3 wavelength outputs from one port.
- High stabilization, built-in optic isolator.
- 270, 1000, 2000hz tone.
- Auto wave ID output.
- Energy save mode.

CODE

7.4.8



Optical TDR - SM 1310/1550nm, Dynamic Range: 32/30dB, FC/UPC Port

- Quick startup
- FTTx in-service testing (Up to 1:64 splitter)
- Built-in PON power meter for triple-play testing
- High configuration series include optical light source, optical power meter, visual fault locator (VFL) and optical connector inspector (MCI) modules.

CODE

7.4.11



PON Power Meter

- FC, SC, ST adapters and 2.5mm UPP.
- Energy save mode.
- Built in VFL (optional).
- Reference value storage.
- 850/1300/1310/1490/1550/1625nm.

CODE

7.4.9



Optical TDR - OTDR

- Convenient one-button testing.
- High speed signal processing, less test time and fast analysis.
- Colour TFT LCD.
- USB port connect to PC.
- Input optical signal auto detection and self-protection.
- Built-in VFL.

CODE

7.4.12

Supports

Elevate your business with real-time self-checks on installation quality, automate quality control processes, and enhance on-the-job learning. With instant feedback and real-world performance measurements, our innovative AI tool helps installers proactively detect and address errors, optimise installation quality, and achieve superior results.

ARTIFICIAL INTELLIGENCE

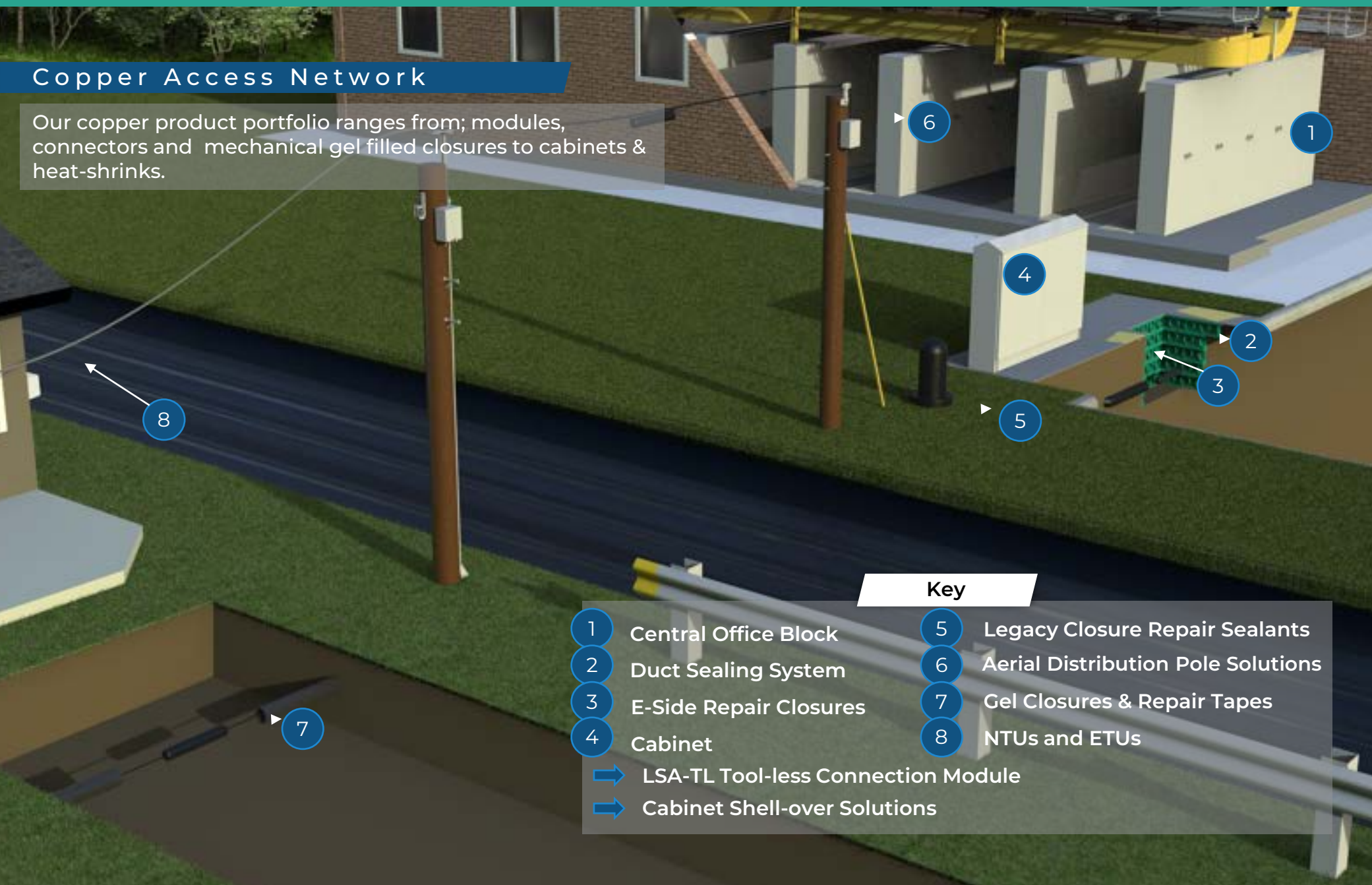
AUGMENTED REALITY PLANNING

Get it Right the First time with our AR Planning Tool! Using this, engineers can install surveys, avoid revisits, and get customer approval.

Experience a new level of installation planning with our AR Planning Tool – offering innovative features and BOM export capabilities.

Copper Access Network

Our copper product portfolio ranges from; modules, connectors and mechanical gel filled closures to cabinets & heat-shrinks.



Key

- | | | | |
|--------------------------------------|------------------------|---|------------------------------------|
| 1 | Central Office Block | 5 | Legacy Closure Repair Sealants |
| 2 | Duct Sealing System | 6 | Aerial Distribution Pole Solutions |
| 3 | E-Side Repair Closures | 7 | Gel Closures & Repair Tapes |
| 4 | Cabinet | 8 | NTUs and ETUs |
| ➡ LSA-TL Tool-less Connection Module | | | |
| ➡ Cabinet Shell-over Solutions | | | |

COPPER TABLE OF CONTENTS



- 1** **TOOL-LESS MODULAR CONNECTOR**
CU-LSA-TL (001-023)
The Ultimate Solution Improving Copper Reliability



- 2** **MODULAR CONNECTOR RANGE**
CU-LSA-MC (001-044)
10 Pair Disconnection Modules



- 3** **DISTRIBUTION POINT AND CABLING**
CU-DP (001-013)
External Distribution Boxes, Domes, Equipment and Pre-Terminated Cabling Solutions.



- 4** **CLOSURES**
CU-CLO (001-041)
Dome, Airblock and accessories



- 5** **DISCRETE AND MODULAR SPLICING CONNECTORS**
CU-CON (001-023)
Legacy cable splicing connectors

6

- HEATSHRINKS**
CU-HS
Pressurised and Non-Pressurised Heatshrinks



7

- SEALANTS**
CU-SL (001-009)
Developed for customer applications to suit user environmental conditions



8

- TEST EQUIPMENT**
CU-TE (001-003)
For all Copper Testing



9

- MISCELLANEOUS**
CU-MISC (001-005)
Full range of network consumable items offered



10

- XDSL POTS SPLITTER**
CU-xDSL (001-002)
Full range of xDSL POTS splitters to suit a range of requirements for operators



COPPER

1. TOOL-LESS MODULAR CONNECTOR

LSA-TL 10 Pair Disconnection Module

APPLICATION

- Fully tool-less disconnection module with LSA-TL-contacts (45° angle) for connecting plastic-insulated copper conductors
- The tool-less design allows wire termination without special insertion tool
- Separate test ports to test both ways
- Silicone Gel encapsulation to provide excellent environmental protection
- Insulation displacement connection according to IEC 60352-4 and DIN-41-611-6-C-EL-CL

TECH. SPECIFICATIONS

Climate Area

- For application in dry or damp rooms with or without condensation
- Temperature range storage/operation: -40 to +80°C (-40 to 176°F)

Mechanical Values for LSA-TL Module

- Housing parts: PBT-PC
- Contact material: Special brass, silver-plated
- Flammability of plastic material: Self-extinguishing, V0 (According to UL94)

Dimensions: Width: 119.4mm, Height: (effective/nominal) 17.3/17.8mm, Depth: 35.6mm

Recommended grid dimension in frame: 22.5mm
Weight incl. gel: .58g

CODE
CU – LSATL - 001

DETAILS

- Overview: Reduces moisture ingress through humidity and condensation.
- Tool-less design reduces fault opportunity.
- Reduces FTTN intervention fault rates Greatly improves jumper management over time.
- Replaces degraded legacy modules.
- Protects against extreme weather, high rainfall and flooding.



1. Separate test port to test both ways



2. Tool-less disconnection module



3. Silicone gel encapsulates IDC



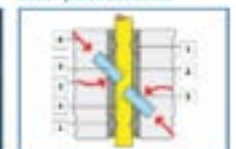
4. Full supporting range of accessories



5. Bespoke cable management system



6. 45° IDC technology, silver plate contacts



**LSA TL – E side / D side**

- Overview: LSA-TL with new jumper rings (left and right)

CODE**CU – LSATL – 002****MOUNTING COLUMN**

- Overview: Capable of mounting onto hanging back rails of standard cabinets, without modifying the existing framework
- Stainless steel construction. The mounting column is free from burrs or sharp edges that come into contact with connectors and wires.
- 300-pair and 400-pair mounting column available for installation in traditional telecom cabinets.
- 2 back mount frames are provided per unit
- Brackets (stability devices) are included with the mounting column for connecting to the rear of the cabinet. This ensures the mounting column does not move during installation or maintenance of the connectors. These devices do not interfere with the hanging bars or jumper field.

CODE**CU – LSATL – 003****LSA-TL 5-pair Module**

- Overview: Fits into compact spaces.
- Perfect for maintenance work when replacing legacy modules.

CODE**CU – LSATL – 004****1x100PR Frames and Mount Standard Pitch**

- Overview: Application is 4x100PR SP. Exchange existing back black plastic back mount frames for one 100PR Exchange & 100PR Distribution frame at a time In an existing Madison Pillar. Included are 2x frames, 1x mount and 2x jubilee clips.
- Fits inside a standard Madison pillar

CODE**CU – LSATL – 005****1x150PR Frames & Mount HD**

- Overview: Application is 3x150PR HD. Each frame can be mounted separately and can fit inside the existing 1800 PR pillar dimensions. Included are 2x frames, 1x mount and 2x jubilee clips.
- Fits inside a standard Madison pillar.

CODE**CU – LSATL – 006****1x200PR Frames & Mount HD**

- Overview: Application is 3x200PR HD. Each frame can be mounted separately and can fit inside the existing pillar dimensions. Included are 2x frames, 1x mount & 2x jubilee clips.
- Fits inside a standard Madison pillar.

CODE**CU – LSATL – 007**

COPPER

1. TOOL-LESS MODULAR CONNECTOR



1x200PR Frames & Mount HD

- Overview: Application is 4x200PR HD. Each frame can be mounted separately and can fit inside the existing Madison pillar dimensions. Included are 2x frames, 1x mount & 2x jubilee clips.
- Fits inside a standard Madison pillar.

CODE

CU – LSATL – 008



1x 1600PR 2 Door Cabinet and Plinth Polyester

- Overview: 1x polyester cabinet and plinth for “cut over” of legacy Madison Pillar.

CODE

CU – LSATL – 009



1x 1600PR 2 Door Cabinet and Plinth Aluminium

- Overview: 1x aluminium cabinet and plinth for “cut over” of legacy Madison Pillar.

CODE

CU – LSATL – 010



1x 2000PR 2 Door Cabinet and Plinth Aluminium

- Overview: 1x aluminium cabinet and plinth for “cut over” of legacy Madison Pillar, with additional capacity.

CODE

CU – LSATL – 011



1x 300PR Mount High Density – Cabinet

- Overview: Mounting frames to populate max capacity of 1200PR in a 1600PR cabinet.

CODE

CU – LSATL – 012

1x 400PR Mount High Density – Cabinet

- Overview: Mounting frames to populate max capacity of 1600PR in a 1600PR cabinet.

CODE

CU – LSATL – 013

1x 500PR Mount High Density – Cabinet

- Overview: Mounting frames to populate max capacity of 2000PR in a 2000PR cabinet.

CODE

CU – LSATL – 014



OUTRIGGER

- Overview: Outrigger fits on back mount frame of LSA 237 and 3M SID.
- Cable guides for defined length and accurate wire position.
- Allows one by one switchover.

CODE

CU – LSATL – 015



Aerial Distribution Box

- Overview: Dexgreen offers distribution point boxes that house LSA-TL modules in the overhead access network.
- Key Features: Bespoke distribution point (DP) for 10/20 pair copper twisted pair applications only.
- IP Rating: IP54 rating - standard box_ and
- IP68 rating - cable gland added for IP68 rating to accommodate both 10 / 20 pair cable diameters.

CODE

CU – LSATL – 018



TOOL-LESS TEST ADAPTER

- Overview: Robust and smart design to provide greater number of insertions and improve the test facilities.
- Banana plugs for connecting individual testing equipment.

CODE

CU – LSATL – 016



X1 SMART SWITCH KIT

- Overview: Included are: SmartSwitch and multiple test leads; 3M SID C Module, Dexgreen LSA-TL, Krone S237, PSTN, 51A, tool-less module lead, BIX adapter.

CODE

CU – LSATL – 019



TOOL-LESS DESIGNATION KIT

- Overview: Red marking clip - 100 pieces
- Yellow marking clip - 50 pieces
- 2 sets of plug number sets
- 1,2,3-----0, 10,11,12-----19. & 6 sets of 10,20,30,-----100..

CODE

CU – LSATL – 017



1x 4mm In-line Socket Adapter

- Overview: Used in conjunction with the Adapter Lead.

CODE

CU – LSATL – 020

COPPER

1. TOOL-LESS MODULAR CONNECTOR



1x Single Over Voltage Protection Module

- Overview: For use with Box Connection 20 (Standard and Protected)

CODE

CU – LSATL – 021



1x10PR LSA-TL Over Voltage Plug In Module

- Overview: Used as a primary product in analogue and digital networks
- Equipped with 10x 3 pole arresters

CODE

CU – LSATL – 022

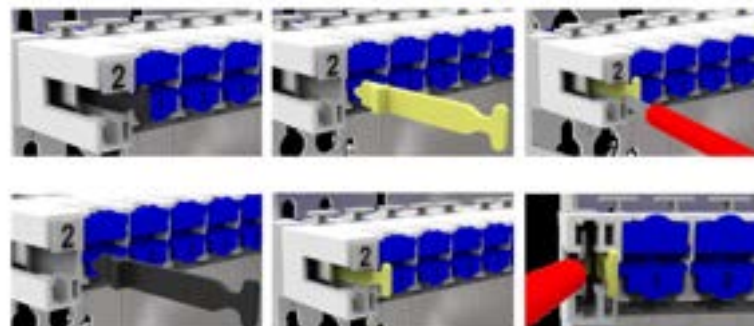


LSA-TL LOCKING WEDGES

- Overview: See graphic to the right of page.

CODE

CU – LSATL – 023



Locking wedges in insert direction (hook pointing to the outside; installed inside the frame)



Sectional view of:
Locking wedges installed
TL-frame
TL-module (hook broken)



Locked module with inserted locking wedge

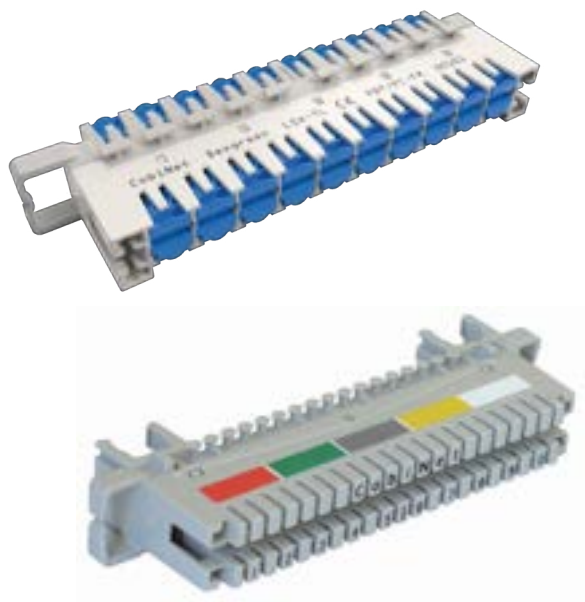


Locking wedges can be unlocked and module released by slightly pushing the wedges to the inside of the module. Please use no.1 screwdriver

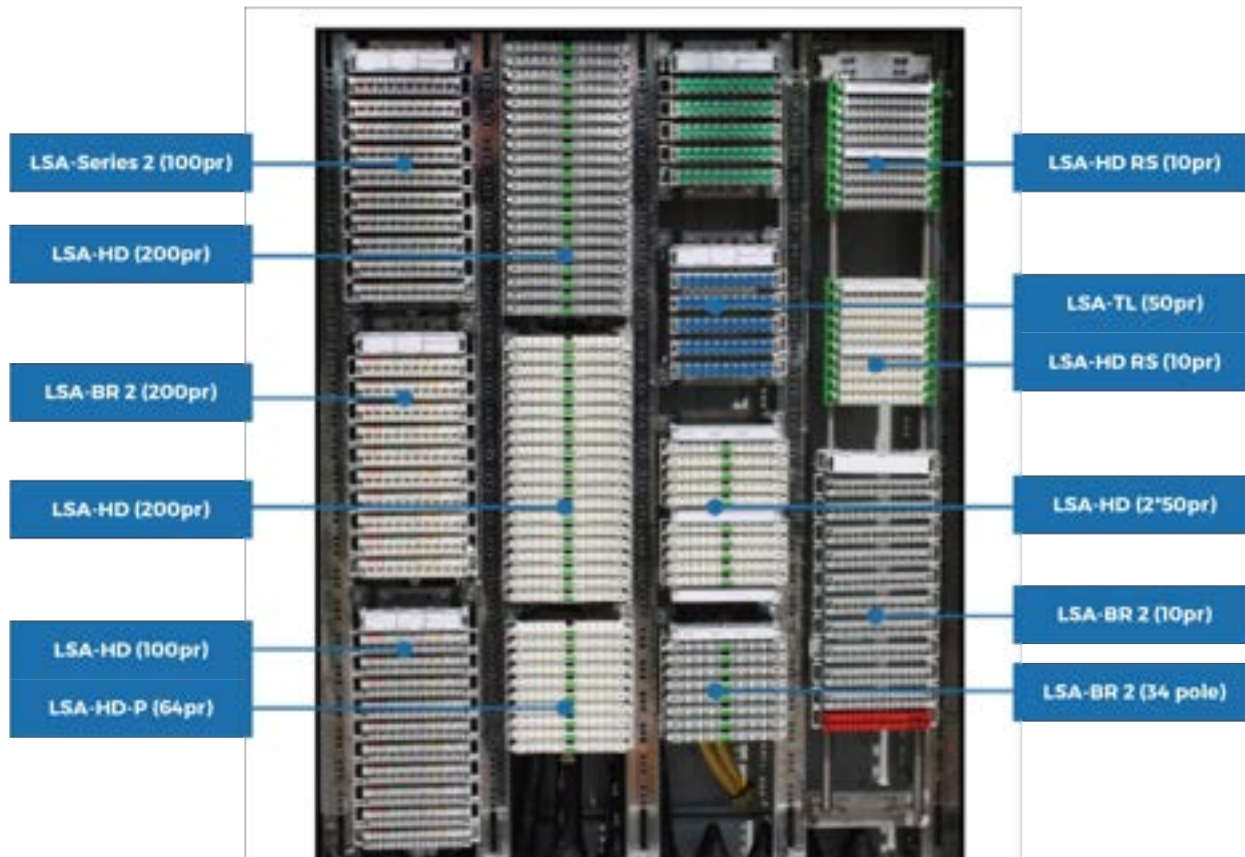
Installation Instructions:

1. Cabinet Instructions: dexgreen.com/quickguides/cabinet-instructions
2. Testing: dexgreen.com/quickguides/testing
3. Terminating: dexgreen.com/quickguides/terminating
4. Jumping: dexgreen.com/quickguides/jumping









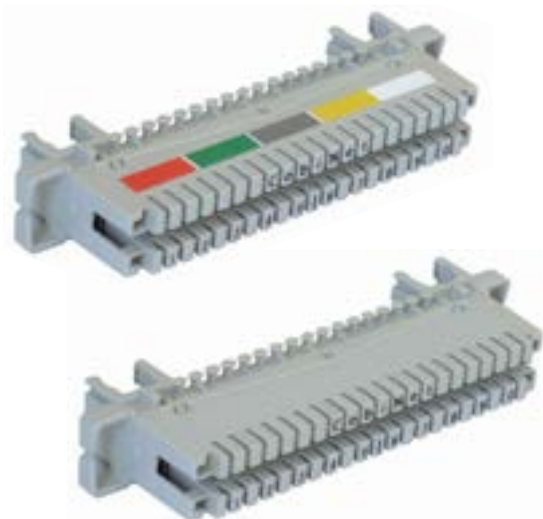
10 Pair Disconnection Modules



COPPER

2. MODULAR CONNECTOR RANGE

Module	LSA Series 2	LSA TL	LSA HD	LSA HD-P5 and LSA HD-P-R5
Picture				
Optimum Circuit Density with Grid Dimension	22.5mm	17.5mm	12.5mm	12.5mm
Profile Bar with 12mm B and 95mm Distance	✓	x	x	✓
Back Mount Frame with Distance 104.5 mm	✓	✓	✓	x
Wire Conductor Range 0.35mm – 0.65mm	x	x	✓	✓
Wire Conductor Range 0.32mm – 0.8mm	✓	✓	✓	✓
Wire Conductor Range 0.4mm – 0.8mm	✓	✓	✓	x
Wire Conductor Range 0.4mm – 0.65mm	✓	✓	✓	✓
Wire Insulation Thickness 0.7mm – 1.6mm	✓	✓	✓	✓
Wire Insertion Tool Required	✓	x	✓	✓
Fully Tool-less Termination	x	✓	x	x
Gel Encapsulation	x	✓	x	x
Silver Contact Plating	✓	✓	✓	✓
Contact Angle of IDC 45°	✓	✓	✓	✓
Pair Count 10 pair	✓	✓	✓	✓
Pair Count 8 pair	x	x	✓	x
Disconnection Module	✓	✓	✓	✓
Connection Module	✓	x	✓	✓
Switch Module	x	x	x	x
Earth Module	✓	x	✓	✓
High Density Compact Version avl. Pitch 12.5mm	x	x	✓	✓
Permanent Overvoltage Protection Magazine (connected at cable side)	x	x	✓	✓



CODE

CU – LSA – MC – 001

DETAILS

- Overview: The Series 1 consists of 10- or 20-pair modules.
- The narrower design of the LSA blocks allows a much higher packing density.
- Grounding modules are included with screws for the ground terminal and a variety of accessories.

LSA – Series 2

APPLICATIONS

Complies with the following standards:

- ETS 300 019-1-1 Clause 1.1 (weather-protected, partially temperature-controlled storage).
- IEC 60721 Part 3-3 Use (weatherproof, fixed).
- IEC 60352-4, solder-less not accessible blade-type connections.

TECH. SPECIFICATIONS

Climate Area

For application in dry or damp rooms with or without condensation.

- Temperature range during storage - 40 to +90 °C (- 40 to 194 °F).
- Temperature range during operation -40 to +80 °C (- 40 to 176 °F)

Mechanical Values for LSA-TL Module

- LSA modules with LSA - contacts for plastic-insulated copper conductors with solid or stranded copper cores (stranded) for insulation displacement connections according to IEC 60352-4 and DIN 41611-6 -C - EL - CL.

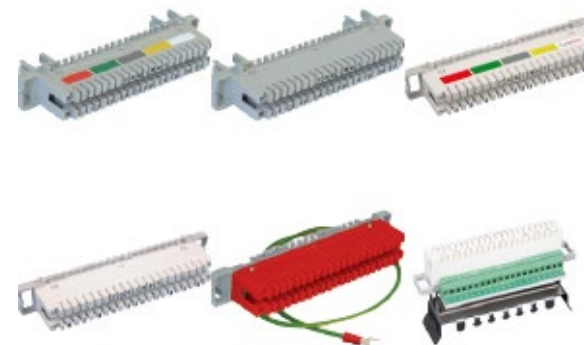
Mechanical Values for Plastic Insulated Copper Conductors

- Wire Diameter: Connection with one solid wire: 0.40 to 0.80mm*, AWG 26-20
- Connection with two solid wires (same diameter and same type): 0.40 to 0.65 mm, AWG 26-22
- Connection with one stranded wire: 7x 0.12 to 0.32 mm , AWG 28-20.
- Outer diameter (insulation PVC and PE) tin-plated 0.70 to 1.60 mm
- Repeatability of the wire connecting contact: .max. 2 times
- After a single wiring with wires ≥ 0.65 mm no longer usable for smaller conductor diameter.

MATERIALS

- Plastic Parts - PBT
- Flammability - UL94 V0
- Contact Surface - Silver Plated

MODULE TYPES



- LSA connection module 2/10 for 10 pair
 - LSA separating strip 2/10 for 10 pair
 - LSA Reearth module 2/34
 - LSA disconnection block 2/10 for 10 pair
 - LSA – narrow jumper rings
- For profile rods and mounting columns
- Large / small jumper wire guides available
 - With colour code printing: jumper end 1... 0
 - Without colour code printing: jumper end 1 ... 0

COPPER

2. MODULAR CONNECTOR RANGE



LSA-Punch Down Tool with Sensor

- Overview: For disconnecting wires with 0.35 to 0.9 mm conductor diameter (core diameter 0.7 to 2.6mm) to LSA modules.
- Scissors can be disabled to allow a looping a potential to other contacts.
- Fold unlatching hook and pull.
- With sensor for scanning the final position.
- Housing colour: green / grey

CODE

CU – LSA – MC – 002



Profile Module Label Holder 2/1

- Overview: Slipped onto profile rods and mounting frame / channel.
- With unprinted paper plate.

CODE

CU – LSA – MC – 003



Folding Display Frame 2/10

- Overview: Slipped onto LSA modules 2/10 and over-voltage.
- Protection magazines 2/10 instead of the cover on both sides labelled.
- Transparent covers with white paper and signs.

CODE

CU – LSA – MC – 004



Designation Sets

- Overview: For marking of LSA-HD® modules and LSA modules Series 2
- Colour: Grey

CODE

CU – LSA – MC – 005



Disconnection Plug

- Sizes: 2/1 ; 2/10
- For separating pairs on LSA disconnection Series 2.

CODE

CU – LSA – MC – 006



Dummy Plug 2/1

- Overview: For marking 1 pair and for preventing access in terminal strips and the separation at the splitter bars series 2.
- With labelling area Colour: Various

CODE

CU – LSA – MC – 007



Cover strips 2/10

- Overview: To identify important connections on LSA modules 2/10.
- For ensuring access to cable wires or jumper wires.
- Strip breaks during removal

CODE

CU – LSA – MC – 008



Marking cap 2/1

- Overview: For marking important pairs of LSA modules Series 2.

CODE

CU – LSA – MC – 009



Bridge connector 2/1

- Overview: The bridges of pairs for LSA R connection and the disconnection modules series 2.
- Bridge plug can be separated by means of side cutters.
- With evacuation port.

CODE

CU – LSA – MC – 010

CODE

CU – LSA – MC – 011



Switching Adapter

- Overview: For the uninterrupted changeover of 1 or 10 pair to LSA connection and disconnection modules.

CODE

CU – LSA – MC – 012



Release Adapter

- Overview: To Separated on LSA disconnection 1 or 10 ranked pair and attacks unilaterally from.

CODE

CU – LSA – MC – 013



Test Cord

- Types: Many types offered.
- For parallel locking on a twin wire.
- Colour marking for mapping the poles.
- For LSA connection and disconnection modules.

CODE

CU – LSA – MC – 014

COPPER

2. MODULAR CONNECTOR RANGE



LSA Arrester Magazine 2/10 8x6,
2-pole / 3-pole

- Overview: Overvoltage protection magazine for connection and disconnection modules 2/10 coarse protection.
- Type: H / T

CODE

CU – LSA – MC – 015



Frames

- Profile: For receiving LSA modules on profile rods.
- Back mount: For receiving LSA modules 2/10.

CODE

CU – LSA – MC – 019



Overvoltage / Overcurrent
Protection 2/1

- Overview: 1 pair coarse and fine protection and failsafe.
- Overcurrent protection by PTC (resettable fuse).
- Nominal operating current: range available.
- Max. Nominal discharge current (8/20 microseconds): range available.
- Attachable to LSA disconnection and safety edges Series 2.
- Operating Voltage DC : range available.
- Maximum continuous voltage DC : range available.
- Max. Transmission Frequency: range available.

CODE

CU – LSA – MC – 016

CODE

CU – LSA – MC – 017

CODE

CU – LSA – MC – 018



Flexible Back Mount

- Overview: Stainless Steel.
- For receiving LSA modules.
- 3 repeating different perforation patterns.
- Individual modules are interconnected with bridges, which are easily separated with a side cutter.

CODE

CU – LSA – MC – 020

LSA-HD



CODE

CU – LSA – MC – 021

DETAILS

- Overview: High packing density. Ease of installation leads to time and cost savings.
- LSA connection technology with contacts at a 45° angle.
- Connection and disconnection modules are available.
- Plug-in locations for overvoltage protection, splitters, test plugs, etc.
- SGS-tested and approved by Deutsche Telekom AG.

APPLICATION

- Insulation displacement connection according to IEC 352-4 part 4 and DIN 41 611-6-C-EL-CL

TECH. SPECIFICATIONS

Climate Area

For application in dry or damp rooms with or without condensation.

- Temperature range during storage - 40 to +90 °C (-40 to 194 °F).
- Temperature range during operation -40 to +80 °C (-40 to 176 °F)

Mechanical Values for Housing

- Material: PBT
- Flammability according to UL94: self-extinguishing, V10
- Dimensions: Width 129.7 mm, Height 12.5 mm, Depth 42.0 mm
- Weight: 44 g

Mechanical Values for Plastic Insulated Copper Conductors

- Wire diameter: Connection with one solid wire 0.40 to 0.80 mm[^] AWG 26 to 20
- Connection with two solid wires (same diameter and same type) 0.40 to 0.65mm[^] AWG 26 to 22.
- Connection with one stranded wire, tin-plated 7x 0.12 to 0.32 mm[^] AWG 28 to 20.
- Overall diameter (insulation PVC and PE) 0.70 to 1.60 mm
- Repeatability of the wire connecting
- With strands or solid wires 0.40 to 0.65 mm 200x
- With solid wires 0.80 mm 50x
- Contact material special brass, silver-plated 0.5 µm, in contact area ≥5 µm

Communication Transmission Values

- The LSA-HD® modules are suitable for the following communication services:
- Analog and digital telecommunication services[^] Other communication services
- Ethernet (10BaseT) with 10 MBit/s[^] Token Ring with 4 or 16 MBit/s[^] TPDDI with 100 MBit/s

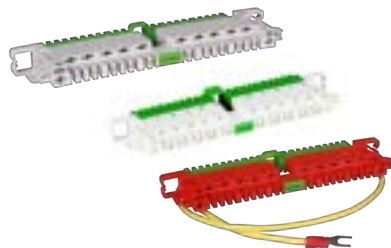
ELECTRICAL VALUES

The electrical values were collected after 4Pday storage in a constant climate environment at 40 °C (104 °F) and 93 % relative humidity.

- Insulation resistance >5 x 10⁴ MΩ
- Dielectric strength 2 kVrms
- Impulse strength (waveform 1.2/50 µs) 3.6 kV
- Permitted current carrying capacity (waveform 8/20 µs) of the LSA contact
- Wire diameter ≥ 0.6 mm 10 kA
- Wire diameter < 0.6 mm 5 kA
- Contact resistance (wire connection)
- Typical 1.0 mΩ
- Guaranteed ≤2.5 mΩ
- Total resistance disconnection contact incl. ≤10.0 mΩ

COPPER

2. MODULAR CONNECTOR RANGE



LSA-HD® Module

- Overview: LSA-HD® connection module for 10 pairs
- LSA-HD® connection module for 10 pairs for core diameters up to 1.8 mm (i.e. for circuit integrity cables)
- LSA-HD® separation module for 10 pairs
- LSA-HD® separation module for 10 pairs
- Core diameter 1.8 mm for cables with functional integrity.

CODE **CU – LSA – MC – 022**

CODE **CU – LSA – MC – 023**

CODE **CU – LSA – MC – 024**

LSA-Punch Down Tool with Sensor

- Overview: With sensor for detection of wire end-position.
- Housing colour: green/grey
- For termination of wires with the conductor.
- Diameter range 0.35 P 0.9 mm (overall)
- Diameter range 0.7 P 2.6 mm) on LSA modules
- Scissors can be deactivated so that a potential can be through-connected to other contacts
- Fold-out blade and extraction hook



CODE **CU – LSA – MC – 025**

Designation Kit

- Overview: For marking of LSA-HD® modules and LSA modules Series 2
- Colour: Grey



CODE **CU – LSA – MC – 026**



Module Label Holder HD

- Overview: Can be fitted to free spaces.
- Both sides can be labelled, with unprinted paper plate and glass cover.
- Unilaterally labelled with printed paper label.

CODE

CU – LSA – MC – 027



Hinged Label Holder HD – 10 Pairs

- Overview: Attached onto LSA-P-HD® modules and surge protection magazine.
- Allows labelling on both sides with blank paper labels and transparent covers.

CODE

CU – LSA – MC – 028



Disconnection Plug HD - 1 Pair

- Overview: For separating a pair in LSA-HD®.

CODE

CU – LSA – MC – 029



Marking Cap HD - 1 Pair

- Overview: To identify important pairs of LSA-HD® modules
- Colour Coding: 0 = grey^ 1 = yellow^ 2 = green^ 3 = blue^ 5 = red^ 6 = brown^ 9 = white

CODE

CU – LSA – MC – 030



Disconnection Plug HD 10 Pair

- Overview: For separating 10 pairs of LSA-HD® modules.

CODE

CU – LSA – MC – 031



Bridge Plug HD

- Overview: The bridges of pairs in LSA-HD® connection and disconnection modules.
- Bridge plug can be separated by means of diagonal cutters with draw-out.
- Sizes: 1 pair (2-pole) ^ 5 pairs (10-pole) ^ 10 pairs (20-pole).

CODE

CU – LSA – MC – 032

CODE

CU – LSA – MC – 033

CODE

CU – LSA – MC – 034



Mount Adapter LSA-HD®/LSA Series 2/10-Profile Round Bar

- Overview: Fastens by latching onto the profile rods.
- Tool-less installation.
- Stainless Steel.
- Complete set.

CODE

CU – LSA – MC – 035



LSA-HD® Overvoltage GDT Magazine - 10 pairs

- Overview: Equipped with 10 3-pole arresters 6x8, 230 V, 5 kA, fail-safe.
- Overvoltage protection magazine for LSA-HD®.
- Connection and Disconnection modules.
- Coarse protection.

CODE

CU – LSA – MC – 036



Test Cord HD

- Overview: For LSA-HD® connection and disconnection modules.
- Offered in the following configurations: 2-pole and 4-pole.
- Equipped with LSA-HD® plug and 2 sockets (4 mm) for banana plugs
- Length: 0.2m ^ 0.5m ^ 1.0m ^ 1.5m ^ 2.0m ^ 3.0m ^ 4.0m ^ 5.0m.

CODE

CU – LSA – MC – 037

CODE

CU – LSA – MC – 038



Connection Cord HD

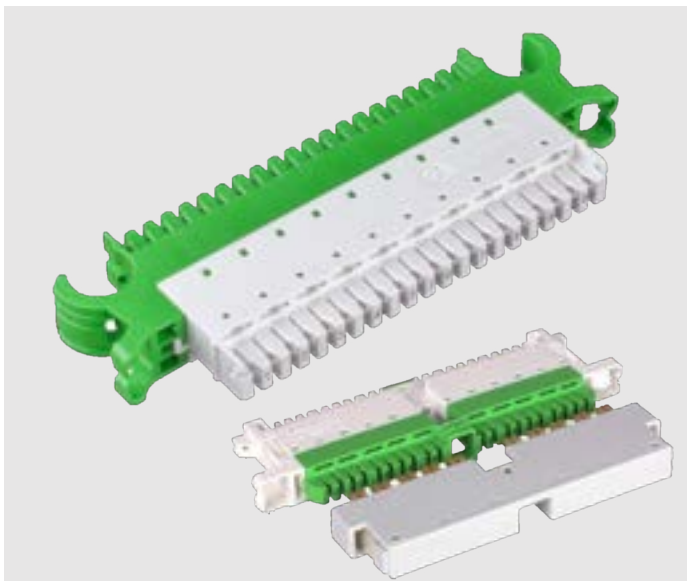
- Overview: For LSA-HD® connection and disconnection modules.
- Equipped with 2 LSA-HD® plugs and RJ45 plug
- Offered in the following configurations: 2-pole – configuration: 1:1 and 4-pole – configuration: a-4, a'-5, b-3, b'-6
- Configuration: 1:1
- Length: 0.2m ^ 0.5m ^ 1.0m ^ 1.5m ^ 2.0m ^ 3.0m ^ 4.0m ^ 5.0m
- Type: 2 = 2-pole ^ 4 = 4-pole

CODE

CU – LSA – MC – 039

COPPER

2. MODULAR CONNECTOR RANGE



CODE

CU – LSA – MC – 040

DETAILS

- Overview: Module with LSA-TL-contacts (45° angle) for connecting plastic-insulated copper conductors with solid or stranded copper cores.
- Complies with IEC 60352J4 and DIN 41611-6-C-EL-CL.
- Both permanent and removable overvoltage protection possible.
- Printed with numerals "1 ... 0"
- Meets technical requirements of Deutsche Telekom AG.

LSA-HD-RS and LSA-HD-P-RS

APPLICATION

Colour:

- Connection module: Jumper RAL 7035 (light grey), cable side RAL 6018 (green)
- Disconnection module: Jumper RAL 9010 (pure white), cable side RAL 6018 (green)

TECH. SPECIFICATION

Climate Area

For application in dry or damp rooms with or without condensation.

- Temperature range during storage - 40 to +90 °C (-40 to 194 °F).
- Temperature range during operation -40 to +80 °C (-40 to 176 °F)

Mechanical Characteristics for Housing Material: PBT-PC

- UL 94 flammability rating: self-extinguishing, V10
- Dimensions: Width 112mm, Height 12.5mm, Depth 42mm, Weight 29g

Mechanical Values for Plastic Insulated Copper Conductors

- Head diameter: Circuit with two massive cores (Same diameter and the same type) 0.35 to 0.65 mmc AWG 27 to 22
- Simple circuit with strand tinned 7x 0.12 to 0,32 mmc AWG 28 to 20
- Outer diameter (insulation PVC and PE).0.60 to 1.40mm
- Repeatability of the wires connections: With stranded or solid conductors 0.35 to 0.65 mm 200x
- With solid conductors 0.80 mm 50x
- Contact material: Special brass plated

Transmission Technical Values

- The LSA-HD® P-profile bars are suitable for the following communications applications:
- xDSL and other analog and digital telephone service
- Ethernet (10BaseT) mit 10 MBit/s
- Token Ring mit 4 or 16 MBit/s
- TPDDI with 100 MBit/s
- More data and communication services

ELECTRIC VALUES

The electrical parameters were determined after 4 days of storage under constant conditions at 40°C (104 ° F) and 93% relative humidity.

- Insulation resistance: 500 V >5x10⁴ MΩ
- AC resistance: 2kVeff
- Impulse withstand voltage (waveform 1,2/50 µs) 3,6kV
- Permissible surge current (waveform 8/20 microseconds) of the LSA contact
- At Core diameter ≥ 0.6 mm 10kA
- At Core diameter < 0.6 mm 5kA
- Contact resistance (wire connection)
- Typical: 1,0mΩ
- Guaranteed: ≤2,5mΩ



LSA-HD-P connection module with permanent overvoltage protection.

CODE

CU – LSA – MC – 041

LSA-HD-P disconnection module with permanent overvoltage protection.

CODE

CU – LSA – MC – 042



LSA-HD-P connection module without permanent overvoltage protection

CODE

CU – LSA – MC – 043

LSA-HD-P disconnection module without permanent overvoltage protection.

CODE

CU – LSA – MC – 044

COPPER

3. DISTRIBUTION POINT AND CABLING


CODE
CU – DP – 001

DETAILS

- Waterproof Rating: IP54-rated overhead distribution box
- Cable Entry and Sealing: Cables enter through base of the housing. Sealing is achieved through rubber grommets.
- Locking Mechanism: Box lid is hinged and securely closed by latches which can be locked.

Subscriber Overhead Distribution Box

DESCRIPTION

- Mounting Mechanism: Fixed to timber aerial telephone pole through coach screws. Metal adapter is also available to fit housing to concrete.
- Operation: Fitted with modular connectors to provide a cost-effective solution in populating the subscriber terminal boxes to any pair count required rather than pre-tailed terminal blocks.
- Utilised for terminating cables within the secondary telephone network and forming a distribution point where the cable pairs and subscriber lines meet.
- The drop wire modular connector system incorporates both overvoltage and overcurrent capabilities as well as providing remote test access.

FEATURES AND BENEFITS

- IP54 waterproof
- Available in multiple sizes
- Pre-terminated solution minimizes installation time

APPLICATION

- Aerial distribution point before customer's premises in access networks

OUR RANGE INCLUDES

- External distribution boxes and domes.
- Equipment for the customer's premises.
- Pre-terminated cabling solutions.

Ordering Information

Code	Product
C-DP-DB-001.01	Overhead Distribution Box 10-pair - empty
C-DP-DB-001.02	Overhead Distribution Box 10-pair - with modules (unprotected)
C-DP-DB-001.03	Overhead Distribution Box 10-pair - with modules (protected overvoltage)
C-DP-DB-001.04	Overhead Distribution Box 20-pair - empty
C-DP-DB-001.05	Overhead Distribution Box 20-pair - with modules (unprotected)
C-DP-DB-001.06	Overhead Distribution Box 20-pair - with modules (protected overvoltage)
C-DP-DB-001.07	Overhead Distribution Box 30-pair - empty
C-DP-DB-001.08	Overhead Distribution Box 30-pair - with modules (unprotected)
C-DP-DB-001.09	Overhead Distribution Box 30-pair - with modules (protected overvoltage)



Outdoor Aerial Distribution Box (10 / 20 Pair)

- Waterproof Rating: IP54 rated overhead distribution box.
- Cable Entry and Sealing: Cables enter through the base of the housing. Sealing is achieved with rubber grommets.
- Locking Mechanism: Box lid is hinged and securely closed by latches which can be locked
- Operation: Fitted with modular connectors and capable of being fitted with overvoltage protection modules.
- Maximum capacity is 2 standard LSA connectors – 20 pairs.
- Features & Benefits: IP54 waterproof
- Pre-terminated solution minimizes installation time.
- Can be quickly incorporated into the legacy network.
- Application: Aerial distribution point before customer's premises in access networks.

CODE

CU – DP – 002



Outdoor Aerial Distribution Box (40 Pair)

- Waterproof Rating: IP54 rated overhead distribution box.
- Cable Entry and Sealing: Cables enter through the base of the housing. Sealing is achieved with rubber grommets.
- Locking Mechanism: Box lid is hinged and securely closed by latches which can be locked
- Operation: Fitted with modular connectors and capable of being fitted with overvoltage protection modules.
- Maximum capacity is 4 standard LSA connectors – 40 pairs
- Features & Benefits: IP54 waterproof
- Pre-terminated solution minimizes installation time.
- Can be quickly incorporated into the legacy network.
- Application: Aerial distribution point before customer's premises in access networks.

CODE

CU – DP – 003



Distribution Dome

- Waterproof Rating: IP68 – suitable for aerial mounting and submersion in underground networks.
- Cable Entry and Sealing: Cables enter through the base of the housing. Sealing is achieved through Dexbond sealant.
- Locking Mechanism: Re-openable clamp at interface between base and dome.
- Operation: Modular connectors fitted inside the terminal unit.
- Incorporates both over voltage and over current capabilities as well as providing remote test access.
- Pre-Terminated: Therefore, have all quality control checks performed prior to deployment in the access network.
- Features & Benefits: IP68 waterproof.
- Pre-terminated cables minimizes installation time.
- Application: Aerial / Underground distribution point before customer's premises in access networks.

CODE

CU – DP – 004



Internal Distribution Box

- Indoor box
- Cable Entry: Enters through the base of the unit
- Locking Mechanism: Plastic latches, lockable
- Operation: Highly versatile connection box loaded with LSA modules from 20 to 100 pairs
- Used to provide a transition point so that outlet positions can be moved frequently and efficiently without disturbing the horizontal cabling.
- Includes 10-way stainless steel mounting frame - modules ordered separately.
- Features & Benefits: Compact
- Easy to use.
- Application: Customer's Premises
- Internal Use.

20-Pair

CODE

CU – DP – 005

50-Pair

CODE

CU – DP – 006

100-Pair

CODE

CU – DP – 007

CODE

CU – DP – 008

COPPER

3. DISTRIBUTION POINT AND CABLING



Customer Connection Box (Internal)

- Indoor box
- Cable Entry: Enters through sides of the unit
- Locking Mechanism: Unit is closed through screw down.
- Operation: Compact box to be placed inside the customer's premises to connect cables together.
- Features & Benefits: Compact
- Easy to use.
- Application: Customer's Premises
- Internal Use.

CODE

CU – DP – 009



Network Termination Unit (NTU)

- Indoor use
- Cable Entry: Enters through back and front of unit
- Locking Mechanism: Lockable, openable door
- Operation: Standard method for terminating typical 2 wire copper lines in the home. Unit contains a removable customer connection unit (CCU) that provides a demarcation point for the Network Operator line and customer extension wiring.
- The unit is also configured to offer a separate alarm circuit. An RJ11 socket is standard, together with screw terminal connectors.
- It converts the U termination of the ISDN line to one or more standard coding S/T interfaces that are suitable for connecting digital ISDN-ready phones routers, and other devices to an ISDN line
- Supports either point-to-point or multipoint connections over distances greater than 5km on 26 AWG copper twisted-pair cabling
- Features & Benefits: Compact and Versatile
- Easy to install: Basic skill level required
- Application: Customer's premises
- Interior Use.
- Telecommunications.
- Security and alarms.
- Installed internally in customer premises.

CODE

CU – DP – 012



Tailed Pre-terminated Cabinets

- Pre-terminated cables have all quality control checks performed prior to deployment in the access network.
- Operation: Modular connectors that are factory terminated to any pair count required.
- 100% quality control checks performed on them
- Incorporates both over voltage and over current capabilities as well as providing remote test access. Suitable for installation in telecom cabinets and distribution closures.
- Features & Benefits: Versatile, used for all applications of copper wires within customer premises.
- Easy to install: Basic skill level required.
- 100% quality tested prior to use.
- Application: Installed within existing network applications, i.e. distribution point and telecom cabinet.

CODE

CU – DP – 013



Building Entrance Termination Unit (ETU)

- Waterproof Rating: IP54.
- Cable Entry: Entry ports on interior of unit
- Locking Mechanism: Lockable, openable door
- Operation: Built onto the exterior wall of customer's premises as a demarcation point between the access network and customer's premises.
- Multiple cable entry ports at interior of box.
- Features & Benefits: Compact
- Easy to use.
- Application: Customer's Premises
- External Use.

CODE

CU – DP – 010



Customer Protection Box

- Waterproof Rating: IP54.
- Cable Entry and Sealing: Enters through base unit and sealing is achieved through rubber grommets
- Locking Mechanism: Box lid is hinged and securely closed by latches which can be locked.
- Operation: The customer protection box is designed to allow the connection of one or two drop wires with a maximum insulation diameter of 5mm each.
- Features & Benefits: Compact
- Durable
- Easy to use
- Application: Customer's Premises
- Distribution Point

CODE

CU – DP – 011



CODE

CU – CLO – 001

DETAILS

- Waterproof Rating: IP54 (without Dexbond sealant); IP68 with Dexbond sealant).
- Cable Entry and Sealing: Entry through base of closure.
- Sealing: Aerial: putty at base.
- Underground: Dexbond sealant.
- Locking Mechanism: Re-openable clamp between base and dome of closure.
- Mounting Mechanism: Aerial: Universal bracket fixed to pole.
- Underground: Can be placed on ground.

Ready Access Dome Joint Closures

FEATURES AND BENEFITS

- Excellent environmental and mechanical characteristics.
- Available in multiple sizes.
- Wide range of closure accessories available.

APPLICATION

- Underground and overhead in the telecom access network

OPERATION

- Ready access copper joint closure for distribution of radial, through radial and maintenance copper cable splicing applications. The Neptune[®] Ready Access Closure is quick and easy to install and requires no specialist tooling.
- Knockouts in the base section accurately position the cables entering the closure.
- A variety of cable entry seals are used to manage all cable types.
- To ensure the integrity of the closure installation “flash testing” of the joint can be undertaken.
- Accelerated aging tests have been performed to ensure a minimum life of 25 years’ service.

Extra Small Closure	Small New Work	Large New Work	Small Maintenance	Large Maintenance	Small New Work
					
51300166	51300167	51300168	51300212	51300169	51300170
Max. Cable Fit: 30/0.40 New and MTC No Clamp Greased 'O' Rings Use In B-plt or Smaller Water Block Cable: Yes	Max. Cable Fit: 50/0.40 New Work Only No MTC Use Water Block Cable: No	Max. Cable Fit: 100/0.40 New Work Only No MTC Use Water Block Cable: No	Max. Cable Fit: 50/0.40 MTC and New Work Water Block Cable: Yes	Max. Cable Fit: 100/0.40 MTC and New Work Aerial Use with Kit (51300225) Water Block Cable: Yes	Max. Cable Fit: 100/0.40 100/0.64 50/0.90 MTC and New Work Aerial Use with Kit (51300226)

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4. CLOSURES

1.1 MJC Closures Tag / Label Plate



Existing Design



Improved Design

NOTE:

1. Additional tag plate is a temporary solution while using the proto tools for production.
2. There will not be any separate tag plate once production is moved to hard tooling. The feature will be an inbuilt solution for both cap end and inline closures.

2. Features and Benefits

Installation

- **User Compliant and Friendly:** Quick and easy cable installation with low number of installation steps.
- **Less Craft Sensitivity:** No wrapping of sealing tape required.
- **For Use in New construction and Maintenance:** For all UG and Overhead Pole applications.
- **Cable Configurations:** Easy wedges selection through colour coded markings.
- **Selecting the Correct Wedge:** Using the colour coded measuring tape supplied.
- **Wedges can Only be Installed in One Orientation:** Installation compliance made easier.
- **The Lock-over Clamp is Coloured Red:** Distinguishing it from the main body clamps.
- **Splice Chamber:** Accessible independently for maintenance without disturbing the cable seal or retention.
- **Robust Construction:** Strong clamping mechanism. No separation of clamp from closure body.
- **Profiled Lever Locking Clamps:** Easy lock-over and open without additional accessories needed.
- **Closure Footprint:** Smaller size allows for fitting in Joint Box 23 and Joint Box 26 with remaining space available for fibre installation.
- **Improved Security on Poles:** Smaller inline closure can be installed under existing capping steel on poles.
- **Cost Saving:** New intermediate 2-port closure provides more cable configuration flexibility and can be installed in areas where traditionally large closures would have been used. A small footprint and reduced number of wedges frees up more space on the vans. Low weight reduces fuel consumption.

2.1 Closure Variants



Small Cap-end



Small Inline



2 in Cap-end

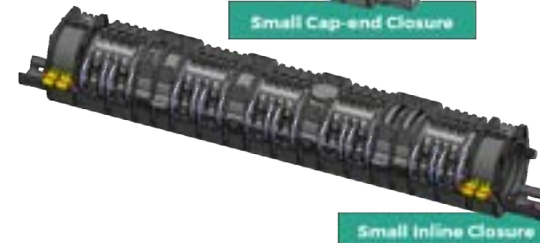
3. Mechanical Hinge for MJC Closures



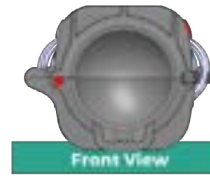
Small Cap-end Closure



Iso View



Small Inline Closure

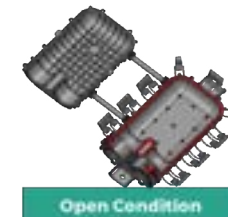


Front View

4. MJC 2-in Cap-end Closure

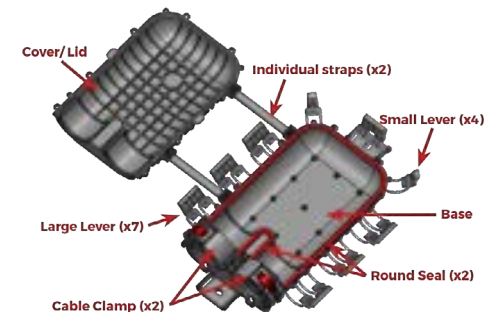


Closed Condition

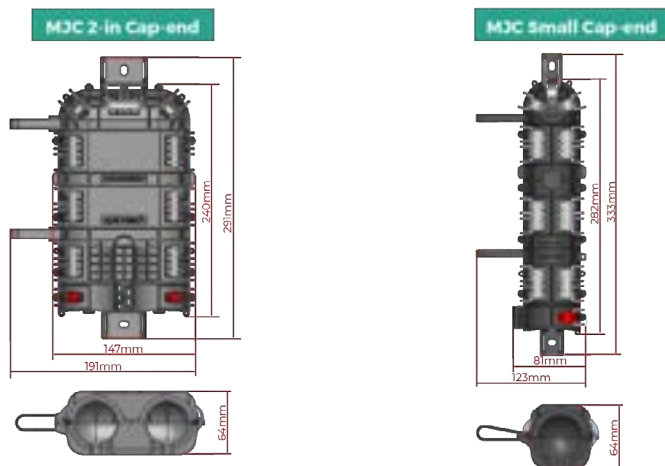


Open Condition

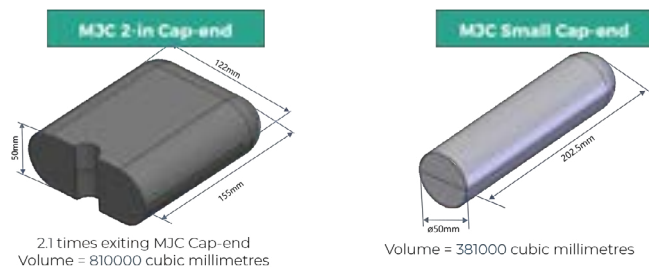
4.1 Closure Overview



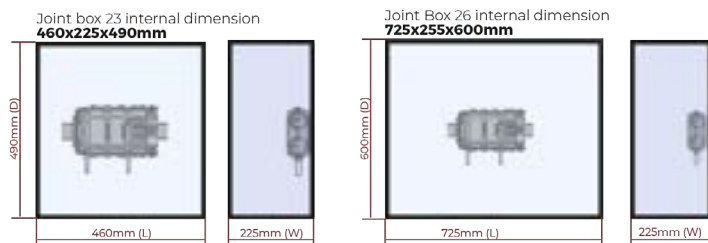
4.2 Closures Sizes



4.3 Splice Chamber Volume



4.4 Closure in Joint Box

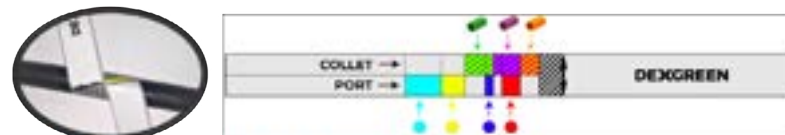


5. Wedges and Installation Collets

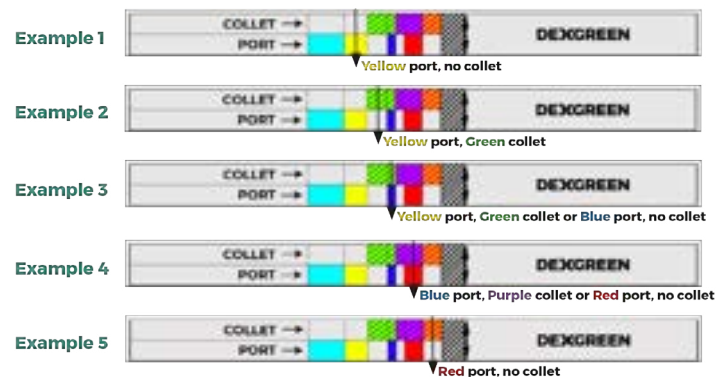


6. Cable Identification Tape

1. Wrap the cable identification tape around the cable.
2. Identify colour matching with the arrow to determine the appropriate port to be used.



6.1 Cable Identification Tape Scenarios



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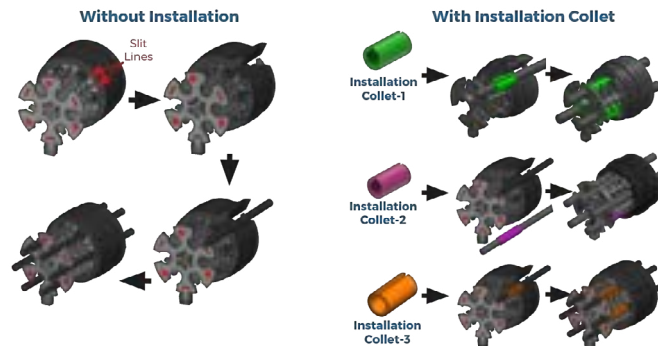
4. CLOSURES

7. Large Cable Wedge



7.1 Cable / Collet Installation

Lift seal at slit line to install Cable / Collet.



8. Cable coverage

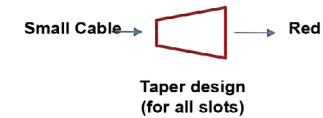
Small J-M, Small Inline and Small 3-in											
Wedge and Installation Collet											
Cable Coverage											
Cable	Wedge	Wedge	Wedge	Wedge	Wedge	Wedge	Wedge	Wedge	Wedge	Wedge	Wedge
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
2pr	1x2	-	-	11	11	11	11	11	11	11	11
5pr	1x5	11	11	11	11	11	11	11	11	11	11
10pr	1x10	11	11	11	11	11	11	11	11	11	11
4x5											
20pr		11	11	12	12	12	12	12	12	12	12
240											
5x10											
50pr		12	12	13	13	13	13	13	13	13	13
1x10	4x10										
2x10	8x10										
100pr	3x10	7x10	18.5	14	22.0	16	32.0	15	27.5	17	36.0
4x5	8x10										

8.1. Application of Red Port / Orange Installation Collet

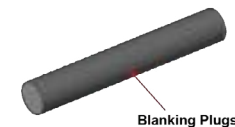


S.no	Cables	Diameter
1	2Pr (0.5mm)	7.5mm
2	DW 10 fast	5.479mm
3	DW 15 (0.5mm)	5.67 / 5.85 (Avg value of 10 samples)
4	DW 12 (0.3mm)	5.39 / 5.68 (Avg value of 10 samples)
5	DW 11 (0.5mm)	5.33 / 5.58 (Avg value of 10 samples)
6	DW 10 fast	5.48mm
7	Armoured Cable	4.5mm

↑
Cable coverage



9. Blanking Plugs



NOTE:
Blanking Plugs can be inserted in any of the ports. A wedge fully populated with plugs can be used as a blanking wedge.



10. Coverage of Applications from Field Data

Overall wedges coverage for small MJC series data:

Wedge and Installation Collet	Small Cap-end	3-in Cap-end	Small Inline
Above wedges and installation collects	98.39 %	100 %	99.52 %

**Small Cap-End**

- Total Pair Count: 20-Pair Closure

CODE**CU – CLO - 002****Small Inline**

- Total Pair Count: 20-Pair Closure

CODE**CU – CLO - 003****MJC- WEDGE (01)**

- 2x5PR Cable Diameter: 8.5mm
- 2x20PR Cable Diameter: 15mm

CODE**CU – CLO - 004****MJC- WEDGE (02)**

- 4x5PR Cable Diameter: 8.5mm

CODE**CU – CLO - 005****MJC- WEDGE (03)**

- 2x5PR Cable Diameter: 8.5mm
- 1x20PR Cable Diameter: 15mm

CODE**CU – CLO - 006****MJC- WEDGE (04)**

- 3x10PR Cable Diameter: 12mm

CODE**CU – CLO - 007****MJC- WEDGE (05)**

- 3x20PR Cable Diameter: 15mm

CODE**CU – CLO - 008****MJC- WEDGE (06)**

- 1x5PR 6DW Cable Diameter: 8.5mm

CODE**CU – CLO - 009****Extra Small New Work**

- Capacity: up to 30-pair (0.40mm cables)
- Application: Suitable for water-block cable
- Especially developed for small underground chambers where existing small closures are too large.
- Aerial and underground use

CODE**CU – CLO - 010**

COPPER

4. CLOSURES



Small New Work

- Capacity: up to 50-pair (0.40mm cables)
- Application: Not suitable for water-block cable
- Caters for new cable entry
- New work application only
- Aerial and underground use

CODE

CU – CLO - 011



Extra Large New Work

- Capacity: up to 100-pair (0.40mm cables) or 100 pair (0.64mm cables) or 50-pair (0.90mm cables).
- Application: Suitable for water-block cable.
- Maintenance use - multiple cable entries.
- Aerial and underground use.

CODE

CU – CLO - 015



Small Maintenance

- Capacity: up to 50-pair (0.40mm cables)
- Application: Suitable for water-block cable.
- Maintenance port allows quick remakes.
- Spare Cable ports for cable reinsertion in the future (maintenance use).
- Aerial and underground use.

CODE

CU – CLO - 012



Large New Work

- Capacity: up to 100-pair (0.40mm cables).
- Application: Not suitable for water-block cable.
- New work application only.
- Aerial and underground use.

CODE

CU – CLO - 013



Large Maintenance

- Capacity: up to 100-pair (0.40mm cables).
- Application: Suitable for water-block cable.
- Maintenance use - multiple cable entries; future insertion of cables.
- Aerial and underground use.



Above Ground Closure

- Waterproof Rating: IP54 (aerial use)
- Cable Entry and Sealing: Enters through sides of closure and seals via silicone membranes on interior
- Locking Mechanism: Re-openable latch
- Mounting Mechanism: Free-hanging to joint cable aerially
- Operation: Designed to accommodate an inline joint to repair damaged aerial cable.
- Accommodates one cable at the incoming end and up to two cables at the outgoing end.
- Cable Types: Cable aerial drop wire 55 (CAD55), drop wire 10/12 and cable down lead. Obsolete type drop wires can also be accommodated in one end.
- After the joint is made, the cables are simply pushed into the two grooves and then the closure is snapped firmly together giving full environmental protection.
- Features & Benefits: Quick repair of damaged aerial cable.
- Application: New build or maintenance.
- Aerial use.
- Demarcation between access network and customer premises.

CODE

CU – CLO - 016



Aerial in-line Closure

- Waterproof Rating: IP54 (aerial use)
- Cable Entry and Sealing: Enters through sides of closure and seals via rubber gaskets.
- Locking Mechanism: Quick release re-openable clamp (one-piece free breathing housing).
- Mounting Mechanism: Clamped to wire to fix-in position through metal clamp.
- Operation: End seals provide a quick and easy method of installing cables.
- Cable supports provided .
- 6 sizes in the range managing cable pair counts from 30- through to 800-pair.
- Features & Benefits: Multiple sizes available in the range.
- Application: New build or maintenance.

CODE

CU – CLO - 016

Code	Product	Max. Sheath Opening	Max. Bundle Dia. (mm)	Approx. Cable Pair	Port 1	Port 2	Port 3
DEX-TC-160/TB	40 x 250mm, 30 pair	150mm	40mm	30	5-25mm	5-15mm	-
DEX-TC-214T/TB	50 x 380mm, 50 pair	220mm	50mm	50	5-25mm	5-15mm	5-15mm
DEX-TC-220T/TB	50 x 500mm, 100 pair	300mm	56mm	100	5-25mm	5-15mm	5-15mm
DEX-TC-229T/TB	50 x 690mm, 100-200 pair	450mm	56mm	200	5-25mm	5-15mm	5-15mm
DEX-TC-327T/TB	75 x 600mm, 200-400 pair	450mm	92mm	200-400	5-47mm	5-27mm	5-27mm
DEX-TC-429T/TB	100 x 740mm, 600-800 pair	500mm	110mm	600-800	7-55mm	5-38mm	5-38mm



Gel-Filled Closures

- Waterproof Rating: IP68 (water-submersion; direct buried).
- Cable Entry and Sealing: Entry through sides of closure, sealing is achieved through non-flowing gel.
- Locking Mechanism: Re-openable latch
- Mounting Mechanism: Hanger provided allows hanging closure for aerial use. Alternatively, it can be placed free-hanging or on the surface.
- Operation: All cables entering the splice case are strain relieved discrete IDC, modular and single pair inline connectors can be used.
- In-line, butt and branched splicing configurations can be spliced
- Can be wrapped in tape for direct buried or water submersed applications.
- No special tools are required to close the splice case securely.
- Features & Benefits: Quick installation
- Suitable for small underground chambers where other closures are too large
- Suitable for water-block cable
- No special tools required
- Many connector types can be accommodated
- Easy, clean re-entry
- Excellent environmental performance
- Application: New build or maintenance.



CODE

CU – CLO - 017

COPPER

4. CLOSURES



2-Pair Screw-Down

- Capacity: up to 2-pair (0.40mm cables)
- Application: Aerial and underground use.
- The closure is non re-enterable - 1 use only.



2-Pair Screw-Flapper

- Capacity: up to 2-pair (0.40mm cables)
- Application: Aerial and underground use.
- The closure is non re-enterable - 1 use only

CODE

CU – CLO - 018



5-Pair Screw-Down

- Capacity: up to 5-pair (0.40mm cables)
- Application: Aerial and underground use.
- The closure is non re-enterable - 1 use only



5-Pair Screw-Flapper

- Capacity: up to 5-pair (0.40mm cables)
- Application: Aerial and underground use.
- The closure is non re-enterable - 1 use only

CODE

CU – CLO - 019



10-pair Gel-filled Inline

- Capacity: up to 10 pair (0.40mm cables).
- Application: Aerial and underground use.
- The closure is non re-enterable - 1 use only

CODE

CU – CLO - 020



2/2/5-pair Gel-filled Inline

- Capacity: Designed for the following cables: 2/0.5 and 5/0.5.
- Application: Can be used for inline, butt and T-splice applications.
- The closure is non re-enterable - 1 use only.
- Built-in hangers for hanging in manholes.

CODE

CU – CLO - 021



Tape Closure Wrapping

- Overview: To provide an adequate air/water proof seal for damaged cables, pressurised, unpressurised and various other closures that will be required to be direct buried

CODE

CU – CLO - 022



Airblock Closures

- Waterproof Rating: IP68 (submersible in water).
- Cable Entry and Sealing: Cables enter through side of the closure. Sealing is achieved via flame application to heatshrink material and air blocking resin application.
- Mounting Mechanism: Fitted onto the frame or directly buried.
- Operation: Essential to verify that no gas is present around the proximity of the jointing chamber prior to carrying out new or maintenance work.
- The flame of the torch is to be angled in the shrinking direction and the flame is to be moved continuously around the sleeve to avoid hot spots, sleeve wrinkles and air pockets while performing the heatshrink procedure.
- Features & Benefits: Multiple sizes offered depending on customer requirement.
- Application: New build or Maintenance.

Sleeve Branding

100-Pair

CU - CLO - 023

200/600-Pair

CU - CLO - 024

800/1600-Pair

CU - CLO - 025

1600/4800-Pair

CU - CLO - 026

CODE

CU - CLO - 027



Openable Clamp

- Overview: Replacement clamp for openable heatshrink / ready access dome closure.

CODE

CU - CLO - 028



Dome Pressure Tester

- Locking Mechanism: Clamp locked around the base of closure.
- Sealing Mechanism: Relies on the seal of closure. Pressure tester tests the seal.
- Operation: Used for pressure testing all closure types & fitted with quick connect male connector.
- It does not include the handheld pump and universal pressure test gauge.
- These are available as handheld pumps and Universal Pressure Test Gauge
- Features & Benefits: Quickly validate that closures are sealed.
- Available in kit
- Application: To be used with: Extra Small Dome Tester; Small Dome Tester; Large Heat-Shrink Dome Tester; Large Dome Tester; Extra Large Dome Tester; Pump Handheld.

CODE

CU - CLO - 029

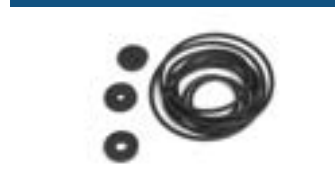


Handheld Pump

- Overview: Used with manifold/gauge/relief valve kit 5
- Available in kit
- Features & Benefits: Quickly validate that closures are sealed.
- Available in kit
- Application: To be used with: Extra Small Dome Tester; Small Dome Tester; Large Heat-Shrink Dome Tester; Large Dome Tester; Extra Large Dome Tester; Pump Handheld.

CODE

CU - CLO - 030



O-Ring

- Overview: Heatshrink / Ready access dome closure openable joint O-ring. Nitrile rubber, for heatshrink openable joint enclosure.

CODE

CU - CLO - 031

COPPER

4. CLOSURES



Mounting Bracket and Spigot

Mounting bracket kit. For pole/manhole/pit mounting of large and extra large enclosures. Consists of:

- Mounting bracket
- Uni-block
- Bracket pin
- Screws, 10G x 3/4 countersunk

CODE

CU – CLO - 032



Aerial Closure Kit (L)

Used to convert the DexGreen Large Maintenance Closure for aerial applications. This is suitable for 0.40mm cable. Consists of:

- Metal cable retainer
- Universal Pole Mounting Bracket & retaining pin
- 2 x screws
- 2 x rawl plugs (for wall fitting)
- 1 x instruction sheet

CODE

CU – CLO - 033



Aerial Closure Kit (XL)

Used to convert the DexGreen Extra Large Closure for aerial applications. This is suitable for 0.64mm cable. Consists of:

- Metal H piece cable retainer
- Universal Pole Mounting Bracket & retaining pin
- 2 x bolts
- 2 x rawl plugs (for wall fitting)
- 6 x cable ties
- 1 x instruction sheet
- 2 x cable insert grommets

CODE

CU – CLO - 034



Putty

- Putty block approx. 1 kg. For use on closure bases to create a dam to prevent sealant from leaking during pouring.
- Suitable to seal closures for aerial use.

CODE

CU – CLO - 035



External Cable Restraint

- Cable restraining bracket for use with all closure sizes.

CODE

CU – CLO - 036



Silica Gel

- Self-indicating silica gel bag.
- Multiple sizes available
- Different sizes required depending on closure size.

CODE

CU – CLO - 037



Leak Detection Fluid

- Harmless soapy mixture that, when sprayed over the closure base (cable entry area) detects leak paths in the form of air bubbles.
- To be used in conjunction with a dome pressure tester.

CODE

CU – CLO - 038



Electrical Tape

- Used for cable pressure wrap (air seal), blocking flow of epoxy resin into cable and sealing external RF coaxial connections.

CODE**CU – CLO - 039**

Vinyl Non-adhesive Tape

- E-Z wrap is a tough, thin (3.0mm) elastic vinyl material which sticks to itself when wrapped in layers.
- Protects wire groups, splice bundles and paper-insulated wire

CODE**CU – CLO - 040**

Tape Closure Wrapping

- Used as an overwrap on lead-In closures (2pr, 5pr & 10pr) 513/00205).
- Provides increased protection for buried joints or closures in hostile environments.

CODE**CU – CLO - 041**

COPPER

5. DISCRETE AND MODULAR SPLICING CONNECTORS



8A 2-wire Connector

- Overview: 8A copper cable splice crimp connector efficiently splices telephone cable conductors without stripping insulation.
- Capacity: 2-wire connector. Accommodates conductors from 0.4mm to 0.9mm. This single-wire (discrete) connector can be used to splice two wires.
- Operation: Polypropylene plastic parts are resistant to fungi, heat, solvents and stress-cracking agents and compatible with metals and other materials used in cable manufacturing, such as conductor insulation and filling compounds.
- All metal components are resistant to or protected against general and localised corrosion, including stress corrosion cracking and pitting.
- Gel-filling gives excellent environmental protection. It will not produce galvanic corrosion effects on other metals present, even in wet or humid conditions.
- Packing Information: Supplied in a box of 500.
- Features & Benefits: Compact – ideal for cable splicing within small closures and housings
- Durable – excellent environmental protection from moisture and contamination
- Versatile – available in multiple configurations (gel-filled, no gel, colour-coded, and more).
- Application: Cable Splicing - Ideal for applications involving aerial, buried and underground construction, which are exposed to various temperatures, humidity, pollutants and craftsman-applied chemicals.



8A 3-wire Connector

- Operation: Ideally suited for all types of cable splicing, requiring only simple tools and providing a small splice bundle. Designed to endure harsh climate conditions, the 8B uses a single crimp to displace the insulation and provide a cold-solder connection, which delivers low contact resistance.
- Packing Information: Supplied in a box of 250.
- Capacity: 3-wire connector.
- Material: Polypropylene, colour-coded covers for easy identification. Various versions are available. Gel-filled.
- Features & Benefits: Compact
- Durable
- Versatile
- Application: Cable Splicing - Ideal for aerial, buried and underground construction applications.

CODE
CU – CON - 002


8C Half Tap Connector

- Operation: Gel-filled polypropylene half-tap connector. Wires are pushed inside the portholes of the connector. Manual pre-crimping with an approved tool is required prior to crimping to ensure a reliable connection.
- Packing Information: Supplied in a box of 250.
- Capacity: 2 wire connector. Designed for conductors from 0.4 mm to 0.9 mm in diameter, with a maximum 2.08 diameter insulation.
- Material: Polypropylene Colour-coded covers for easy identification, and various versions are available. Gel-filled.
- Features & Benefits: Compact
- Durable
- Versatile
- Application: Cable Splicing - Ideal for aerial, buried and underground construction applications.

CODE
CU – CON - 001
CODE
CU – CON - 003



11A Make-before-break Connector

- Operation: The 11A is used on working pairs to cut out connectors previously in circuit, and a pre-crimp facility lets the connector be held in position prior to crimping.
- Two entry ports allow conductors to pass both through the connector and in from the sides, giving greater flexibility in application.
- Uses U-type insulation displacement connectors (IDCs) and an integral cut-off blade to form a connection between two insulated conductors.
- Capacity: 2 wire connector. Designed for conductors from 0.4 mm to 0.9 mm in diameter, with a maximum 2.08 diameter insulation.
- Material: Polypropylene colour-coded covers for easy identification and various versions available. Gel-filled.
- Packing Information: Supplied in box of 500.
- Features & Benefits: Make-before-break - Once the connector is crimped, electrical contact through the contact elements occurs prior to wire cut-off and any excess conductor length is cut off, leaving an easily accessed and sealable test point.
- Compact
- Easy to use
- Application: Cable Splicing
- Ideal for applications involving aerial, buried and underground construction
- Maintenance



CODE

CU – CON - 004



ECM1B - Subscriber Terminal Block System

- Operation: Highly reliable watertight connection module designed to withstand all outside plant environments.
- Highly compact product, applicable in multiple applications depending on the customer's requirements.
- No special tool is required, the user needs to use a standard screwdriver to operate.
- Capacity: Gauge range 0.4 to 1.0mm ø
- Insulation diameter 5mm max ø
- Material: Housing body: Transparent polycarbonate VO glass-fibre reinforced polycarbonate.
- Insertion contacts: Tinned phosphor bronze.
- Packing Information: Supplied in box of 10.
- Features & Benefits: Compact
- Easy to use
- No special tool required
- Application: Interface boxes in underground/aerial networks.
- Distribution Points
- Customer termination devices

CODE

CU – CON - 005

COPPER

5. DISCRETE AND MODULAR SPLICING CONNECTORS



VX Module - Subscriber Terminal Block System

- Operation: The VX module block system is a highly reliable connection module designed to withstand any climate.
- The watertight design provides top-quality service for interface boxes of UG and aerial networks, distribution points and customer termination devices.
- Ideal for replacing existing worn or damaged blocks, as it fits on DIN 25 rails, has compact overall dimensions and requires just a standard screwdriver to operate.
- Capacity: Gauge range 0.4 to 1.0mm ϕ
- Insulation diameter 5mm max ϕ
- Material: Housing body: Transparent polycarbonate VO glass fibre reinforced polycarbonate.
- Insertion contacts: Tinned phosphor bronze
- Packing Information: Supplied in box of 10.
- Features & Benefits: Compact
- Easy to use
- No special tool required
- Application: Interface boxes in underground/aerial networks.
- Distribution Points.
- Customer Termination Devices.



BT41 - UY4C Connector

- Operation: Easy to use tool-less gel-filled connector
- Connectors can be easily opened and reopened by hand for visual verification or testing with 6A test clips.
- The UY4C accommodates a wide range of conductor diameters in straight-splice and half-tap configurations, and the pair-per-connector design produces smaller, neater splice bundles.
- Accessories include 2-way and 3-way cradles
- Capacity: 2 wires in and 2 wires out. Compatible with a maximum insulation diameter of 1.5mm and the following ranges of conductor diameters: 0.4mm, 0.5mm, 0.63mm, and 0.9mm.
- Material: Body and cover: Polycarbonate
- Contact: Phosphorous bronze
- Compound: Gel-filling with superior thermal, oxidative and hydrolytic stability.
- Packing Information: Supplied in box of 100.
- Features & Benefits: Compact
- Easy to use
- Tool-Less
- Application: Cable Splicing.
- Connects the line wire and subscriber wire in series and makes a parallel connection.
- Ideally suited to uplift work through any skilled engineer replacing legacy connectors, therefore, there is minimum disruption to service.



CODE

CU - CON - 006

CODE

CU - CON - 007



2A - Drop Wire Connector

- Operation: Versatile In-Line Full pair drop wire connector for splicing different types of drop wires.
- Encapsulated with gel-filling for environmental resistance.
- Designed with pre-crimp feature to hold the wires in place before final crimping.
- Capacity: 2 wire connector. Accepts copper or copper-coated steel conductors with diameters from 0.9 mm to 1.3 mm.
- Material: Body & Cover: Polycarbonate
- Contact: Phosphorous Bronze
- Gel Filling compound: with superior thermal, oxidative and hydrolytic stability.
- Packing Information: Supplied in box of 100.
- Features & Benefits: Compact
- Easy to use
- Durable
- Application: Aerial connection between 2 solid drop wires.
- It insulates and provides moisture protection to the connection

CODE

CU – CON - 008



Cable Splicing Connector Range

- Operation: Full range of cable splicing connectors that can be customized to meet many customer applications.
- Designed and built around proven insulation displacement connection (IDC) technology
- Endures harsh climatic conditions. A single crimp displaces the insulation and provides a cold solder equivalent connection, delivering low contact resistance.
- Available in different types and versions for all splicing applications and solutions. The connector covers are colour-coded for easy identification.
- Full range of products with 2 or 3 wires for straight, half-tap or bridge splicing.
- Capacity: Various, depending on customer's requirement.
- Material: Multiple different types can be used depending on customer's requirement. Comes with or without gel-filling, as required.
- Packing Information: Supplied in any box size required.
- Features & Benefits: Full range of products with 2 or 3 wires for straight, half-tap or bridge splicing
- The 2C and 2P series connectors accept a wide copper conductor wire range from 0.32mm to 0.90mm
- Application: Cable Splicing.

CODE

CU – CON - 009

COPPER

5. DISCRETE AND MODULAR SPLICING CONNECTORS



UY C

- Type: Straight Splicing Butt-type
Feature: 2 wire, filled connector with polycarbonate body.
- Colour Code: Yellow
- Wire size in mm: Conductor 0.32-.7. Insulation O.D max 1.52
- Insulation Type: PIC, pulp or paper.

CODE

CU – CON - 010



UY P

- Type: Straight Splicing Butt-type
Feature: Similar to UY C, but made of polypropylene for solvent resistance. Most economical.
- Colour Code: Yellow
- Wire size in mm: Conductor 0.32-.7. Insulation O.D max 1.52
- Insulation Type: PIC, pulp or paper.

CODE

CU – CON - 011



UY2 P

- Type: Straight Splicing Butt-type
Feature: Full wire range, 2 wire, filled, polypropylene connector. Best suited for general application.
- Colour Code: Yellow
- Wire size in mm: Conductor 0.32-.9. Insulation O.D max 2.08
- Insulation Type: PIC, pulp or paper.

CODE

CU – CON - 012



UY2 PD

- Type: Straight Splicing Butt-type
Feature: Dry version of UY2 P, for specific application. (no sealant filling)
- Colour Code: White
- Wire size in mm: Conductor 0.32-.9. Insulation O.D max 2.08.
- Insulation Type: Unfilled PIC, pulp or paper.

CODE

CU – CON - 013



UY2 C

- Type: Straight Splicing Butt-type
Feature: New version of UY2 P made of polycarbonate plastic, 2 wire, full wire range and filled with sealant
- Colour Code: Yellow
- Wire size in mm: Conductor 0.32-.9. Insulation O.D max 2.08
- Insulation Type: PIC, pulp or paper.

CODE

CU – CON - 010



UR C

- Type: Bridge/ Straight Splicing.
Feature: A 3 wire, filled connector, for straight or bridge splicing, made of polycarbonate.
- Colour Code: Red
- Wire size in mm: Conductor 0.32-.7.
- Insulation O.D max 1.52
- Insulation Type: PIC, pulp or paper.

CODE

CU – CON - 011



UR2 P

- Type: Bridge/ Straight Splicing.
Feature: 3 wire, filled, full wire range connector made of polypropylene for straight or bridge splicing.
- Colour Code: Red
- Wire size in mm: Conductor 0.32-.9. Insulation O.D max 2.08.
- Insulation Type: PIC, pulp or paper.

CODE

CU – CON - 012



UR2 PD

- Type: Bridge/ Straight Splicing.
Feature: Dry version of UR2 P, made of polypropylene for pressurized joints or specific application.
- Colour Code: White
- Wire size in mm: Conductor 0.32-.9. Insulation O.D max 2.08.
- Insulation Type: PIC, pulp or paper.

CODE

CU – CON - 013

**UR2 C**

- Type: Bridge/ Straight Splicing.
- Feature: A new version of UR2 P, filled connector made of polycarbonate, for special application needs.
- Colour Code: Red
- Wire size in mm: Conductor 0.32-.9. Insulation O.D max 2.08.
- Insulation Type: PIC, pulp or paper.

CODE**CU – CON - 018****UB2 P**

- Type: Tap Splicing.
- Feature: Tapping connector made of polypropylene similar to UB C, for transfer without service interruption. UB C - Filled and UB D is dry version.
- Colour Code: P-Blue
- Wire size in mm: Conductor 0.32-.9. Insulation O.D max 2.08mm
- Insulation Type: UB2 P for jelly filled.

CODE**CU – CON - 021****UB C**

- Type: Tap Splicing.
- Feature: Tapping connector with pre-crimp feature for transfer without service interruption. UB C - filled and UB D is the dry version.
- Colour Code: C-Blue
- Wire size in mm: Conductor 0.32-.7. Insulation O.D max 1.30.
- Insulation Type: UB C for jelly filled.

CODE**CU – CON - 019****UB2 PD**

- Type: Tap Splicing.
- Feature: Tapping connector made of polypropylene similar to UB C, for transfer without service interruption. UB C - Filled and UB D is dry version.
- Colour Code: PD-White
- Wire size in mm: Conductor 0.32-.9. Insulation O.D max 2.08mm
- Insulation Type: UB2 PD for paper or pulp

CODE**CU – CON - 022****UB D**

- Type: Tap Splicing.
- Feature: Tapping connector with pre-crimp feature for transfer without service interruption. UB C - filled and UB D is the dry version.
- Colour Code: D-White
- Wire size in mm: Conductor 0.32-.7. Insulation O.D max 1.30.
- Insulation Type: UB D for paper.

CODE**CU – CON - 020****UG C**

- Type: Tap Splicing.
- Feature: The UG C made of polycarbonate is filled, tap connector with double contact and accepts larger cable diameters.
- Colour Code: Green
- Wire size in mm: Conductor 0.32-.9. Insulation O.D max 1.7
- Insulation Type: PIC, pulp or paper.

CODE**CU – CON - 023**

COPPER

6. HEATSHRINKS

Non-pressurised Heatshrink

Waterproof rating: IP68 (for UG unpressurised telecom network)
 Cable Entry and Sealing: Entry through sides of closure. Sealing achieved via the application of flame to heat shrink material.

Capacity: Multiple capacities offered - up to 200-pair

Operation:

- Heat-shrinkable joint closure
- Excellent mechanical and environmental protects joints in the unpressurised access network: aerial, buried or ducted, non-filled or jelly-filled, with polyethylene, lead, steel or aluminium sheaths
- Metal canister protects the splice bundle.



Features & Benefits	Application
Excellent environmental and mechanical characteristics	Pressurised access network - aerial, buried and ducted applications

Code	Splice Bundle Diameter (D) (mm)	Cable Diameter (d) (mm)	Max Joint Gap (L) (mm)	Sleeve Length (S) (mm)
43/8-100	43	8	100	345
43/8-150	43	8	150	400
43/8-200	43	8	200	450
43/8-240	43	8	240	445
43/8-350	43	8	350	600
43/8-500	43	8	500	755
55/12-240	55	12	240	450
75/15-240	75	15	240	495
75/15-250	75	15	250	505
75/15-340	75	15	340	590
75/15-400	75	15	400	650
75/15-500	75	15	500	710
75/15-600	75	15	600	860
92/25-300	92	25	300	665
92/25-500	92	25	500	830
92/25-600	92	25	600	985
122/30-300	122	30	300	680
122/30-500	122	30	500	860
122/30-650	122	30	650	1010
160/42-500	160	42	500	920
160/42-720	160	42	720	1100
200/50-500	200	50	500	940
200/50-720	200	50	720	1120

Pressurised Heatshrink

Waterproof Rating: IP68 (for UG pressurised telecom network)

Cable Entry and Sealing: Entry through sides of closure. Sealing achieved via the application of flame to heat shrink material.

Capacity: Multiple capacities offered

Operation:

- High performance heat-shrinkable closure for pressurised applications
- Excellent mechanical and environmental protection of joints in the pressurised access network.
- Suitable for aerial, buried and ducted applications
- Applicable for polyethylene and metal jacketed cables
- Pre-installed valve for pressure access and measuring
- Suitable for use with all standard connector systems
- Wraparound closure suitable for both maintenance and new construction
- Interchangeable air valve/connector



MO	Application
Excellent environmental and mechanical characteristics	Pressurised access network - aerial, buried and ducted applications

Code	Splice Bundle Diameter (D) (mm)	Cable Diameter (d) (mm)	Max Joint Gap (L) (mm)	Sleeve Length (S) (mm)	Max diameter of Branch Cables		
					03-Out		
					02-Out		
62/15-350	62	15	350	670	52	40	N/A
62/15-500	62	15	500	850	52	40	N/A
62/15-350	62	15	650	1000	52	40	N/A
92/30-500	92	30	350	690	82	70	58
92/30-650	92	30	500	850	82	70	58
92/30-350	92	30	650	1000	82	70	58
122/38-500	122	38	500	80	112	100	88
122/38-650	122	38	650	1020	112	100	88
160/55-300	160	55	300	790	142	130	118
160/55-500	160	55	500	970	142	130	118
160/55-650	160	55	650	1060	142	130	118
160/55-720	160	55	720	1150	142	130	118
160/55-900	160	55	900	1380	142	130	118
200/65-720	200	65	720	1150	172	160	148
200/65-720	200	65	900	1380	172	160	148

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6. HEATSHRINKS

Heatshrink - Tubular Sleeve

Waterproof Rating: IP68 submersible

Sealing Mechanism: Flame applied to heat shrink material

Capacity: Multiple sizes available for low pair count cable

Operation: Heatshrink tubular sleeve, air pressure or water block for low pair count cable



Features & Benefits	Application
Excellent environmental and mechanical characteristics	Pressurised access network - aerial, buried and ducted applications

Heatshrink – Cap-ended

Waterproof Rating: IP68 submersible

Sealing mechanism: Flame applied to heat shrink material

Capacity: Multiple sizes available

Operation:

- Heatshrink end cap available in multiple sizes
- Can be supplied with / without Schrader valve
- Used to seal plastic cable ends
- Thin to medium wall tube
- Adhesive-lined



Features & Benefits	Application
Excellent environmental and mechanical characteristics	Cable sealing



CODE

CU – SL - 001

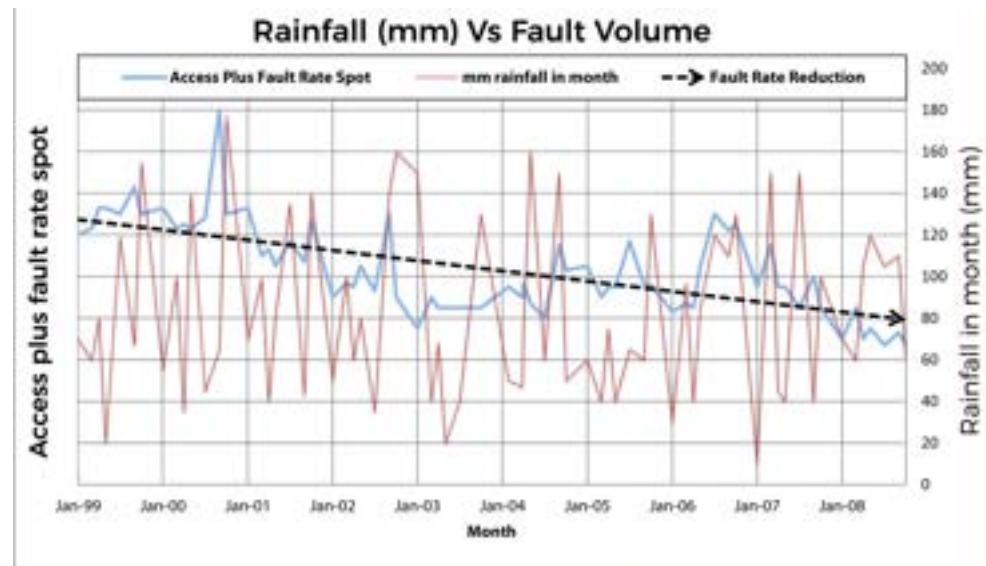
PRODUCTS

- Dexbond Closure Sealant 10B
- Dexblock Airlock
- Cabinet Base Resin
- Duct Sealant 14B
- Pole Repair Sealant
- 9B Fibre Closure Sealant

Airblock Compound

OVERVIEW

- Greater than 60% of legacy closures are open to moisture
- Uneconomic and practically impossible to remove all leaking closures
- Closure sealant 10B, seals closures quickly and easily
- We recommend all closures are sealed as standard or on programmed work as basic fundamental engineering







- Trend Reduction in Fault by 20%
- Stability of the Network
- No Spikes in Faults during Heavy Rains

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7. SEALANT

Sealants

	Closure Sealant	Airblock	Moisture Barrier	Pole/Cavity Sealant
Sealant Type				
Product Range	1) Dexbond 2) 9B Sealant	1) Dexblock 2) PBCS 3) Vertical Cones Airblock	1) 6C – Resin for Sealing the Base of Cabinets	1) Pole Sealant
Purpose	1) Seal around cables 2) Physical barrier for components housed within closure 3) Cable retention	1) Physical block / barrier against moisture / water / contamination / air / gases 2) Can be installed horizontally or vertically	1) Physical block / barrier against moisture / water / contamination / air / gases 2) Can be installed horizontally or vertically	1) Seal cavities to provide additional structural integrity 2) Prevent ingress of contamination

Sealant Accessories

Code	Description	Product
CU-SL-002	Used to dispense sealant cartridges	Caulking 
CU-SL-003	Used to dispense duplex sealant cartridges	Duplex Caulking Gun 
CU-SL-004	Spare nozzles and accessories for 10B sealant to avoid wastage of sealants. Multiple application of sealants from the same cartridge requires a new nozzle	Nozzle Pack 



Airblock Compound

- Resin pack 2B is a two-component polyurethane compound specially formulated to construct horizontal and vertical air blocks in pressurised telecommunication cables

CODE

CU – SL - 005



Aerial Closure Kit (L)

- Resin pack 6B is a two-component polyurethane compound formulated specifically to seal the concrete bases of cabinets against moisture ingress and other contamination

CODE

CU – SL - 006



Dexbond Joint Closure Sealant

- Dexbond 10B sealant is a unique polyurethane sealant that ensures telecommunications joints and cables are effectively sealed against the ingress of water and water vapor.

CODE

CU – SL - 007



Pole Repair Sealant

- Varying environmental conditions can weaken wooden utility poles over time, leading to connection failure and disrupted service to customers.
- Rapid-cure pole resin repair sealant strengthens existing poles, avoiding the cost of installing replacements

CODE

CU – SL - 008



20D Joint Closure Sealant

- Fast closure sealant 20D is a yellow-coloured sealant for the following applications:
- 1. Repairing by top up sealing of cable ports in all sizes of PVC, legacy H/S OJss and Dexgreen Neptune closures.
- 2. New grease cable insertion in all existing closures including PVC, legacy H/S OJ and Neptune closures where a spare port exists.

CODE

CU – SL - 009

COPPER

8. TEST EQUIPMENT


CODE
CU – TE -001

HT1000 Copper Wire Analyser

DESCRIPTION

- Overview: The HT1000 handheld instrument offers copper wire provisioning and maintenance technicians the most critical tests at the touch of a button.

OPERATION

- Technicians can select up to seven auto tests and use the integrated incremental pair test program.
- The HT1000 offers 200-pair pre-/post-test storage and a USB port to download updates and upload test result data and uses either AC or DC power.
- The noise finder uses a 30MHz spectrum analysis.

FEATURES AND BENEFITS

- Reliable, Rugged and Versatile: The durable, water resistant design, 1/4 VGA LCD screen and powerful backlight allow you to work with confidence in any environment.

DETAILS

- One tester for all copper testing
- Full range of test functions for all appropriate copper testing
- Simple, easy to use for all skill levels
- Bluetooth module test instrument
- Test data can be uploaded to a central server via a new Mobile application

UNIVERSAL TEST ADAPTER

- Universal test adapter
- One test instrument for Quante, Krone Modules, and LSA-TL
- Facilitates ease of testing for technicians
- Competitively priced





HT1000 Copper Wire Analyser

- The HT1000 handheld instrument offers copper wire provisioning and maintenance technicians the most critical tests at the touch of a button.

CODE

CU – TE – 001



Mimtel Tester

- The Mimtel 444B device provides a simple audio output when detecting electromagnetic signals, which can cause interference to communications services

CODE

CU – TE – 002



SmartSwitch

- The SmartSwitch Test Adapter can be used with any test, measure or fault location instrument that is fitted with suitably protected 4mm, male banana plugs that will not exceed the specifications of the SmartSwitch's range of test leads.
- Line Access, non-interrupting, Monitoring
- Access to the Exchange side by simple switching, without changing lead connections
- Access to the Customer side by simple switching, without changing lead connections
- Access to both the Exchange and Customer individually at the same time by simple switching, without changing lead connections
- Safety of the operator from non-standard, dangerous voltages on the line

CODE

CU – TE – 003

COPPER

9. MISCELLANEOUS



Duct Plugs

- Overview: Prevents air/water ingress entering 2-pair duct from joint boxes, which can cause corrosion of the NT (sockets).
- Multiple Sizes Available: Duct plug available in 25mm; 28mm; 32mm and 37mm in packs of 10

CODE

CU – MISC - 001



Roll Springs

- Overview: Constant pressure roll springs can be supplied in a range of sizes specifically designed to meet the demands of the cable jointing industry

CODE

CU – MISC - 002



Lined Mesh

- Used for earthing on tower structures of antenna feeder cables

CODE

CU – MISC - 003



PF Wipes

- Overview: PF solvent is a full strength solvent de-greasing agent for cable cleaning prior to jointing, maintenance of cables, switchgear, network equipment and electrical equipment cleaning and de-greasing.

CODE

CU – MISC - 004



Absorber pole

- Overview: Simple and cost-effective solution to remove humidity from cabinets
- Maintaining the cabinet moisture free is very Important, using silica gel is not always practical

CODE

CU – MISC - 005

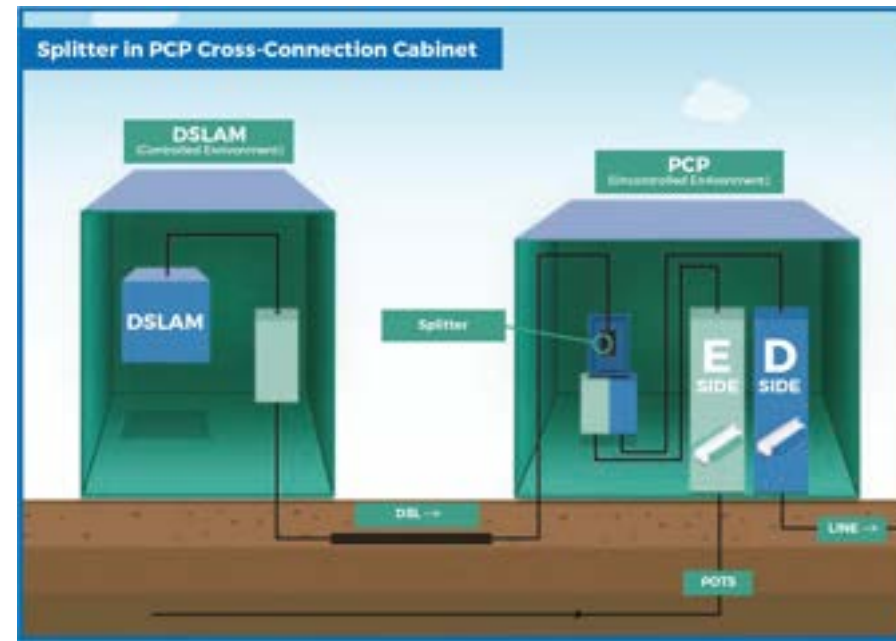
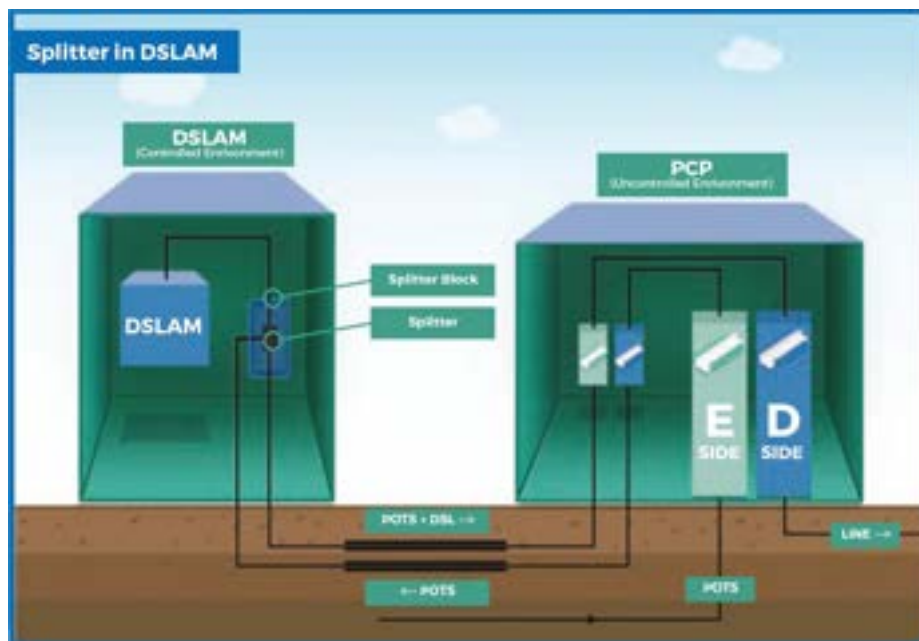


Fibre Rope

- Product: PP Fibre Rope
- Colour: Blue (with white mark)
- Construction: 3 strands
- Composition: Polyethylene (PP/PEHD)
- UV Inhibitor
- Colour master batch

	DEX-PPR-04	DEX-PPR-08	DEX-PPR-12	DEX-PPR-16
Diameter	4mm	8mm	12mm	16mm
Product Information				
Weight/ coil (kg)	1.43	7.4	12	20.5
Length/ coil (m)	220	220	220	220
Technical Information				
Characteristics	Value	Value	Value	Value
Linear Density (gram/ m)	6.5	33.6	54.5	93.2
Tensile Strength (kN)	2.8	10	22	38
Further Information				
This product is produced and tested according to European standards EN ISO 1345-fibre ropes-PP split film, mono-filament and multi-filament (PP2) and polypropylene high-density multi-filament (PP3) - 3, 4 and 8 strand ropes.				

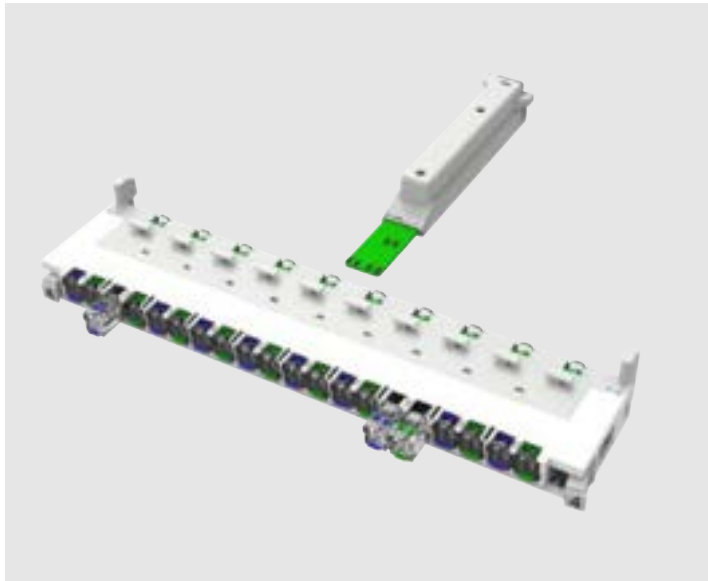
NETWORK SCHEMATIC



Full range of xDSL POTS splitters to suit a range of requirements for operators

COPPER

10. XCSL POTS SPLITTER



CODE

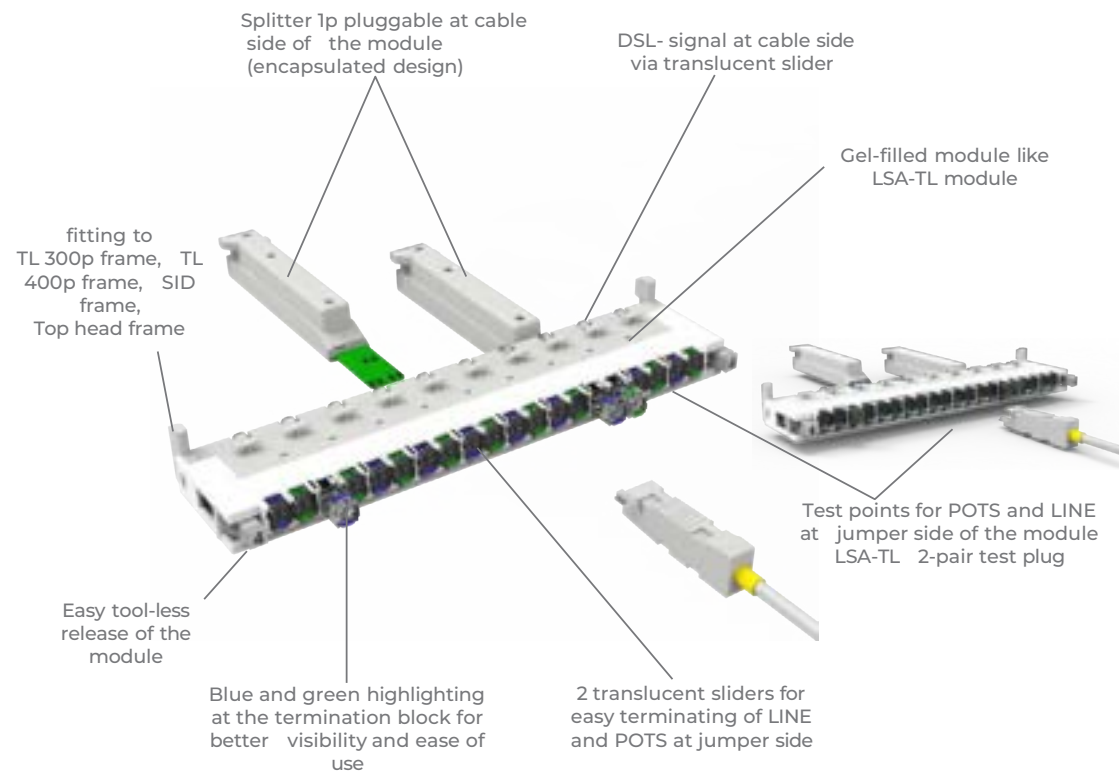
CU - xDLS - 001

DETAILS

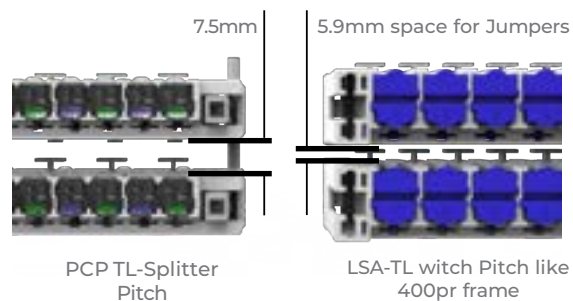
- Extended Space for Jumper Wire
- Separated Test Point for POTS and LINE at Jumper side
- Tool-less Release of the Module

PCP 10-pair VDSL Gfast Splitter

The new Dexgreen PCP Splitter System has been designed to be installed in the PCP rather than the DSLAM. Only one tie cable is required between the PCP and the DSLAM. The splitter block fitted in the PCP has the same electrical performance characteristics as the splitters currently fitted in the DSLAM. The Dexgreen Splitter block will comply to the same operating conditions as met by our existing PCP Tool Less Connector System.



Extended Space for Jumper Wire



Due the doubled jumper wires (20p for LINE and POTS) we need more space to store and route them.

Separated Test Point for POTS and LINE at Jumper side



Test points for measurement of LINE (blue) and POTS (green) at the jumper side of the module for each pair installed. This helps to analyse connectivity problems and reduce repair time.

Tool-less Release of the Module

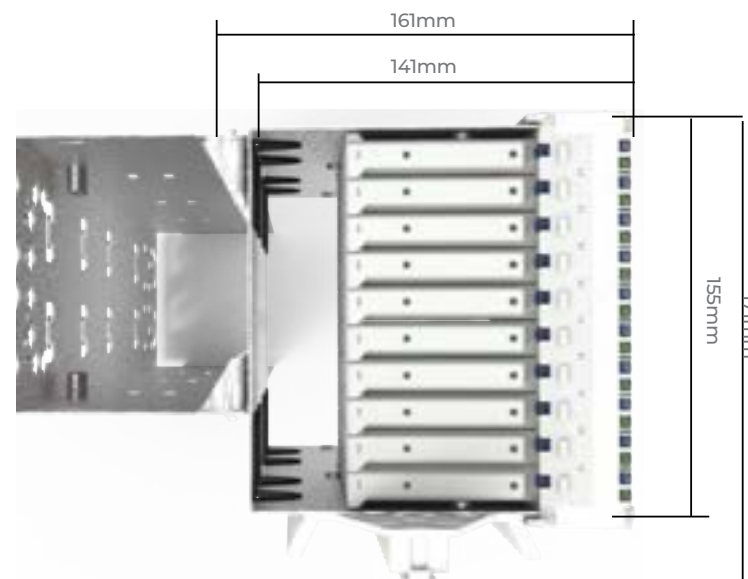


Locked
Closed



Unlocked
Open

Dimensions



COPPER

10. XCSL POTS SPLITTER



8 PORT VDSL POTS SPLITTER

- Overview:
- 8-port maintenance and new work VDSL splitter for use in primary connection point copper cabinets in the external access network
 - Designed to attach to standard 95mm mounting profile systems
 - Compact high-density design
 - All connectors are terminated using a standard IDC punch-down tool
- Connections:
- Front: POTS and customer LINE
 - Back: DSL
- Two Types Available:
- Maintenance unit – IDC contacts are removable (NOTE: IDC contacts are not provided with this product)
 - New work unit – IDC contacts are permanently fixed to the housing
- Technical Specification
 - Electrical Specification
 - ETSI TS 101 952-1 V1.1.1 (2009-06) Option A & B– Access network xDSL splitters for European deployment. Part 1: Generic specification of xDSL over POTS splitters
 - Environmental Specification
 - ETSI EN 300 019-2-4 V2.2.1 (2003-03) - Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-4: Specification of environmental tests; Stationary use at non-weather protected locations

Ordering Information

Code	Description
MTC	Cab 8-port VDSL splitter – non-IDC version
NEW	Cab 8-port VDSL splitter with soldered IDC

- Notes