Cat6/6A Pass Through RJ45 Connectors

Unshielded • U/UTP

Packaging Available

- 10 Pack
- 20 Pack
- 50 Pack
- 100 Pack

Key Features

- Easy feed through design
- ANSI/TIA 568 2.D Certified with trueCABLE Cat6 & Cat6A U/UTP Ethernet cables via Modular Plug Terminated Links (MPTL) tests
- TAA, FCC, UL, cETLus, and RoHS-3 Compliant
- PoE & PoH Compatible
- ISO/IEC 11801 Class D; ANSI/TIA 1096-A; IEC 60603-7

Fitment

Cable Jacket Diameter	**Up to ⌀7.30mm**
Conductor Insulation Diameter	**⌀0.95 – 1.05mm**
Conductor Type	Solid & Stranded Copper
Suitable Conductor	23AWG

Electrical

Voltage Rating	1000V DC
Current Rating	1.5 Amps
Contact Resistance	20m Ω Max

⌀**0.95 – 1.05mm**

Contruction & Mechanical

|	
Plug Housing Material	Polycarbonate
Contact Material	Phosphor bronze
Contact Plating	24-carat hard gold
Cable to Plug Tensile Strength	20 ft-lbs minimum
Op. Temperature	-40º C to +125º C
Durability Rating	2000 insertion cycles
Fire Safety	UL 94V-2

Up to ⌀7.30mm

ETL LISTED Intertek   UL   SGS   RoHS   TAA COMPLIANT

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LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

✅

Cable ID: 6ECMR MPTL UTP PD KSJ TO PASS-THROUGH RJ45　　　　**Test Summary: PASS**

Test Limit: TIA Cat 6 MPTL (+PoE)	Main: Versiv	Remote: Versiv
Limits Version: V7.5	S/N: 1917273	S/N: 1924100
Date / Time: 03/03/2020 01:49:57 PM	Software Version: V6.5 Build 5	Software Version: V6.5 Build 5
Operator: DON S	Calibration Date: 11/08/2019	Calibration Date: 11/08/2019
Headroom 7.2 dB (NEXT 3,6-7,8)	Adapter: DSX-8000 (DSX-PLA804)	Adapter: DSX-8000R (DSX-PC6)
Cable Type: *trueCABLE Cat6 U/UTP*	S/N: 4523168	S/N: 4716104
NVP: 68.2%		

Length (ft), Limit 295	[Pair 4,5]	293
Prop. Delay (ns), Limit 498	[Pair 7,8]	461
Delay Skew (ns), Limit 44	[Pair 7,8]	24
Resistance (ohms)	[Pair 7,8]	14.21
Resist. Unbal. (ohms)	[Pair 4,5]	0.036
Resist. P2P Unbal. (ohms)	[Pair 4,5-7,8]	0.144
Insertion Loss Margin (dB)	[Pair 7,8]	1.4
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

293 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)
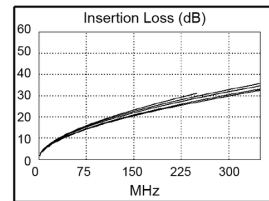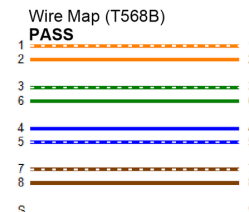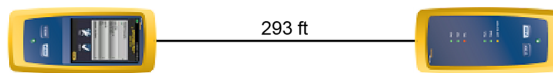
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	1,2-4,5
NEXT (dB)	7.2	10.0	7.3	10.0
Freq. (MHz)	224.5	244.5	246.0	244.5
Limit (dB)	36.1	35.5	35.5	35.5
Worst Pair	7,8	3,6	7,8	3,6
PS NEXT (dB)	8.3	9.7	8.6	9.9
Freq. (MHz)	221.5	234.0	246.5	250.0
Limit (dB)	33.6	33.2	32.8	32.7
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-1,2	4,5-1,2
ACR-F (dB)	11.6	11.8	12.5	12.7
Freq. (MHz)	4.4	4.4	246.5	242.0
Limit (dB)	51.4	51.4	16.4	16.5
Worst Pair	1,2	4,5	1,2	1,2
PS ACR-F (dB)	14.1	14.0	14.5	14.4
Freq. (MHz)	3.0	3.9	246.5	241.5
Limit (dB)	51.6	49.4	13.4	13.5
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	8.0	10.5	8.7	13.6
Freq. (MHz)	100.0	89.3	246.0	243.5
Limit (dB)	23.3	25.2	4.6	4.9
Worst Pair	7,8	7,8	7,8	3,6
PS ACR-N (dB)	9.2	12.3	9.9	13.5
Freq. (MHz)	99.8	10.5	246.5	250.0
Limit (dB)	20.8	49.5	2.0	1.6
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	6.5	3.5	13.5	3.5
Freq. (MHz)	3.9	50.0	230.5	50.0
Limit (dB)	21.0	17.0	10.4	17.0
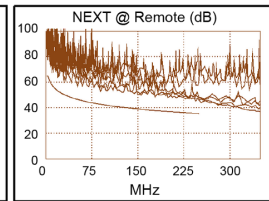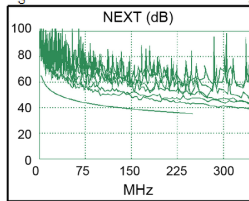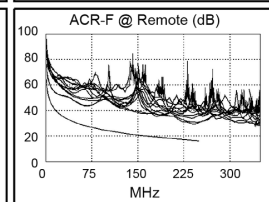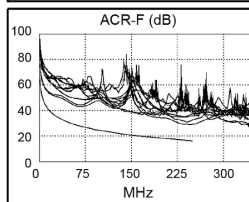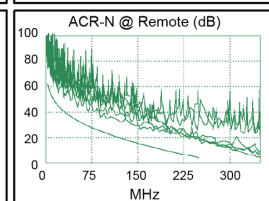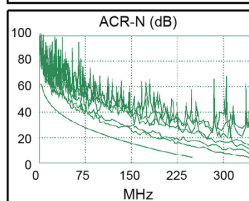
NEXT (dB)　　　　NEXT @ Remote (dB)

ACR-F (dB)　　　　ACR-F @ Remote (dB)

ACR-N (dB)　　　　ACR-N @ Remote (dB)

RL (dB)　　　　RL @ Remote (dB)
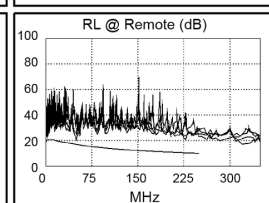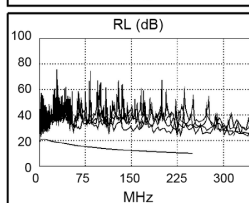
Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

LinkWare™ PC Version 10.5

Project: MPTL UTP PD KSJ TO RJ45
KC Round 2.flw

Site: PT
Page 1

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