

Cat5e Standard RJ45 Connectors

Unshielded • U/UTP



Packaging Available

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

Key Features

- Standard solid nose design compatible with any crimp tool
- ANSI/TIA 568 2.D Certified with trueCABLE Cat5e U/UTP Ethernet cable 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

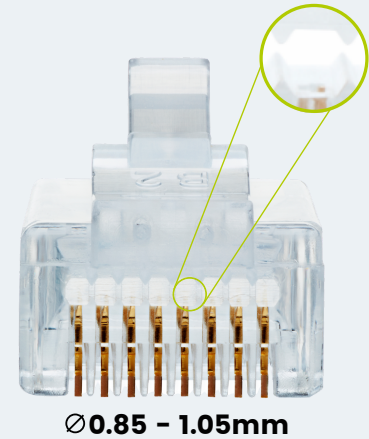
Cable Jacket Diameter	Up to Ø6.50mm
Conductor Insulation Diameter	Ø0.85 - 1.05mm
Conductor Type	Solid & Stranded Copper
Suitable Conductor	24 to 28AWG

Electrical

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

Construction & 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	-40° C to +125° C
Durability Rating	2000 insertion cycles
Fire Safety	UL 94V-2



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Cable ID: 5ECMP MPTL TLESS UTP KSJ TO STANDARD RJ45

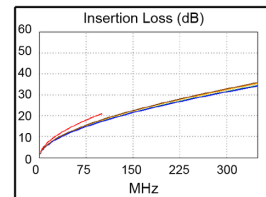
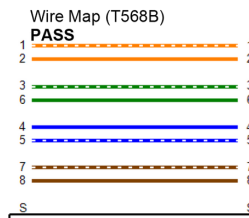
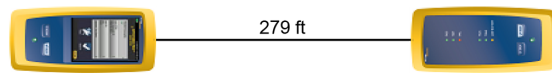
Test Summary: PASS

Test Limit: TIA Cat 5e MPTL (+PoE)
 Limits Version: V7.5
 Date / Time: 03/03/2020 10:16:49 AM
 Operator: DON S
 Headroom 5.7 dB (NEXT 4,5-7,8)
 Cable Type: *trueCABLE Cat5e U/UTP*
 NVP: 69.0%

Main: Versiv
 S/N: 1917273
 Software Version: V6.5 Build 5
 Calibration Date: 11/08/2019
 Adapter: DSX-8000 (DSX-PLA804)
 S/N: 4523168

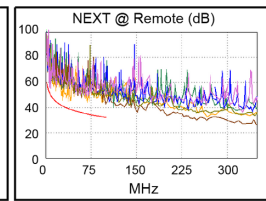
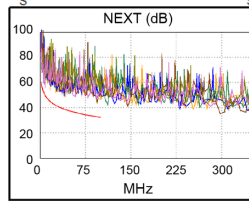
Remote: Versiv
 S/N: 1924100
 Software Version: V6.5 Build 5
 Calibration Date: 11/08/2019
 Adapter: DSX-8000R (DSX-PC5e)
 S/N: 4592704

Length (ft), Limit 295	[Pair 3,6]	279
Prop. Delay (ns), Limit 498	[Pair 7,8]	423
Delay Skew (ns), Limit 44	[Pair 7,8]	12
Resistance (ohms)	[Pair 7,8]	16.51
Resist. Unbal. (ohms)	[Pair 3,6]	0.058
Resist. P2P Unbal. (ohms)	[Pair 4,5-7,8]	0.108
Insertion Loss Margin (dB)	[Pair 7,8]	2.9
Frequency (MHz)	[Pair 7,8]	100.0
Limit (dB)	[Pair 7,8]	21.0

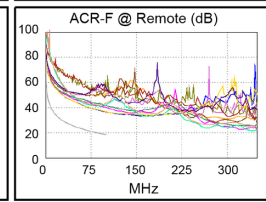
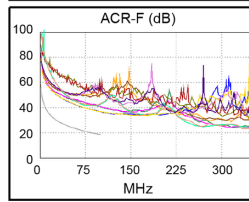


Worst Case Margin Worst Case Value

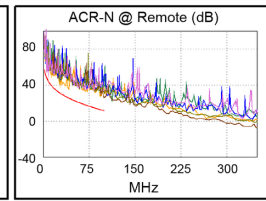
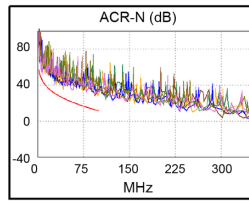
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	4,5-7,8	4,5-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	6.7	5.7	11.6	10.8
Freq. (MHz)	6.1	6.1	94.3	99.5
Limit (dB)	51.9	51.9	32.7	32.3
Worst Pair	4,5	4,5	4,5	3,6
PS NEXT (dB)	9.6	8.5	13.1	12.1
Freq. (MHz)	6.1	6.1	94.3	94.0
Limit (dB)	48.9	48.9	29.7	29.7



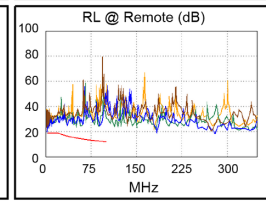
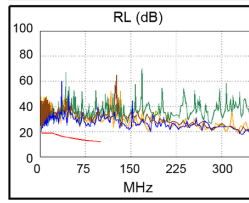
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-7,8
ACR-F (dB)	18.0	17.8	18.1	18.1
Freq. (MHz)	99.5	90.8	100.0	100.0
Limit (dB)	18.7	19.5	18.6	18.6
Worst Pair	7,8	7,8	1,2	1,2
PS ACR-F (dB)	19.1	19.1	19.6	19.5
Freq. (MHz)	67.3	90.8	98.5	100.0
Limit (dB)	19.1	16.5	15.7	15.6



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	4,5-7,8	4,5-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	7.3	6.3	15.2	14.5
Freq. (MHz)	6.1	6.1	94.3	99.5
Limit (dB)	47.0	47.0	12.4	11.4
Worst Pair	7,8	7,8	1,2	1,2
PS ACR-N (dB)	10.2	9.2	16.8	15.2
Freq. (MHz)	6.1	6.1	98.8	94.3
Limit (dB)	44.0	44.0	8.6	9.4



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	4,5	3,6	3,6	3,6
RL (dB)	6.8	6.3	9.9	9.7
Freq. (MHz)	4.1	4.1	66.5	58.0
Limit (dB)	19.0	19.0	13.8	14.4



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