

## Cat5e 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 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

<b>Cable Jacket Diameter</b>	<b>Up to <math>\varnothing</math>6.50mm</b>
<b>Conductor Insulation Diameter</b>	<b><math>\varnothing</math>0.85 - 1.05mm</b>
Conductor Type	Solid & Stranded Copper
Suitable Conductor	24 to 28AWG

### Electrical

Voltage Rating	1000V DC
Current Rating	1.5 Amps
Contact Resistance	20m $\Omega$ 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



$\varnothing$ 0.85 - 1.05mm



Up to  $\varnothing$ 6.50mm



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### Cable ID: 5ECMP MPTL UTP T-LESS KSJ TO RJ45 P-THROUGH

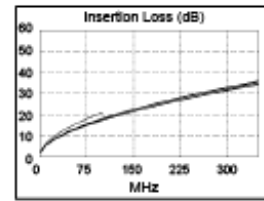
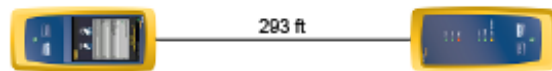
Test Summary: **PASS**

Test Limit: TIA Cat 5e MPTL (+PoE)  
Limits Version: V7.5  
Date / Time: 03/03/2020 09:50:31 AM  
Operator: DON S  
Headroom 6.1 dB (NEXT 4,5-7,8)  
Cable Type: \*trueCABLE Cat5e U/UTP\*  
NVP: 72.2%

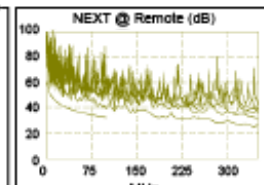
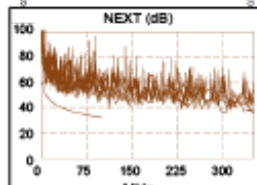
Main: Versiv  
S/N: 1917273  
Software Version: V8.5 Build 5  
Calibration Date: 11/08/2019  
Adapter: DSX-8000 (DSX-PLA804)  
S/N: 4523168

Remote: Versiv  
S/N: 1924100  
Software Version: V8.5 Build 5  
Calibration Date: 11/08/2019  
Adapter: DSX-8000R (DSX-PC5e)  
S/N: 4592704

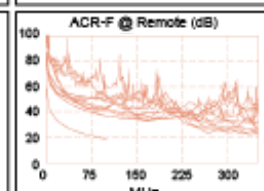
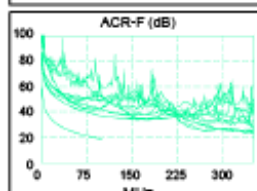
Length (ft), Limit 295	[Pair 3,6]	293
Prop. Delay (ns), Limit 498	[Pair 7,8]	424
Delay Skew (ns), Limit 44	[Pair 7,8]	12
Resistance (ohms)	[Pair 7,8]	16.53
Resist. Unbal. (ohms)	[Pair 3,6]	0.062
Resist. P2P Unbal. (ohms)	[Pair 4,5-7,8]	0.108
Insertion Loss Margin (dB)	[Pair 7,8]	2.9
Frequency (MHz)	[Pair 7,8]	100.0
Limit (dB)	[Pair 7,8]	21.0



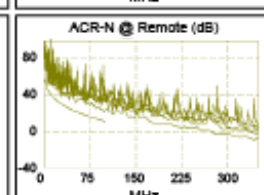
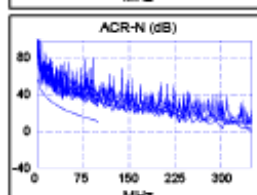
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	4,5-7,8	4,5-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	6.8	6.1	11.7	6.5
Freq. (MHz)	6.1	6.1	94.3	98.5
Limit (dB)	51.9	51.9	32.7	32.4
Worst Pair	4,5	4,5	4,5	3,6
PS NEXT (dB)	9.6	8.7	13.0	9.3
Freq. (MHz)	6.1	6.1	94.0	98.8
Limit (dB)	48.9	48.9	29.7	29.4



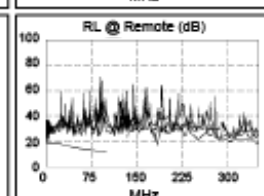
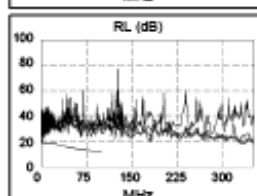
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-7,8
ACR-F (dB)	18.0	18.0	18.0	18.2
Freq. (MHz)	98.5	97.8	98.5	100.0
Limit (dB)	18.7	18.8	18.7	18.8
Worst Pair	7,8	7,8	1,2	1,2
PS ACR-F (dB)	19.1	19.1	20.0	19.5
Freq. (MHz)	67.3	62.8	100.0	98.3
Limit (dB)	19.1	19.7	15.6	15.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	4,5-7,8	4,5-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	7.4	6.7	15.2	10.2
Freq. (MHz)	6.1	6.1	94.3	98.8
Limit (dB)	47.0	47.0	12.4	11.6
Worst Pair	7,8	4,5	1,2	3,6
PS ACR-N (dB)	10.3	9.5	16.7	12.8
Freq. (MHz)	6.1	6.1	98.8	98.8
Limit (dB)	44.0	44.0	8.6	8.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	4,5	3,6	3,6	3,6
RL (dB)	6.4	6.2	10.2	11.7
Freq. (MHz)	4.1	4.0	68.3	86.3
Limit (dB)	19.0	19.0	13.8	12.7



Compliant Network Standards:  
100BASE-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

LinkWare™ PC Version 10.5