

## Cat6A XL 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 Cat6A 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 Ø7.30mm</b>
<b>Conductor Insulation Diameter</b>	<b>Ø1.05 - 1.15mm</b>
Conductor Type	Solid & Stranded Copper
Suitable Conductor	23AWG

### Electrical

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



Ø1.05 - 1.15mm

### 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



Up to Ø7.30mm



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**Cable ID: 6ACMP UTP PD KSJ > UTP XLARGE CAT6A PT RJ45**

Test Limit: TIA Cat 6A MPTL (+PoE)

Limits Version: V7.5

Date / Time: 04/08/2021 03:27:47 PM

Operator: DON S

Headroom 6.7 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 70.7%

Main: Versiv

S/N: 1924100

Software Version: V6.5 Build 5

Calibration Date: 11/14/2020

Adapter: DSX-8000 (DSX-PLA804)

S/N: 4523169

**Test Summary: PASS**

Remote: Versiv

S/N: 1917273

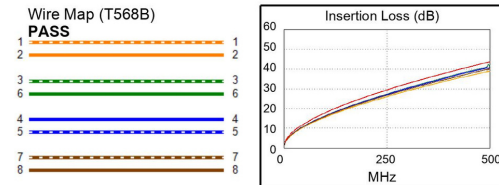
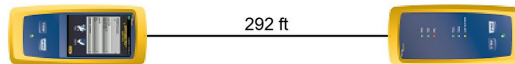
Software Version: V6.5 Build 5

Calibration Date: 11/14/2020

Adapter: DSX-8000R (DSX-PC6A)

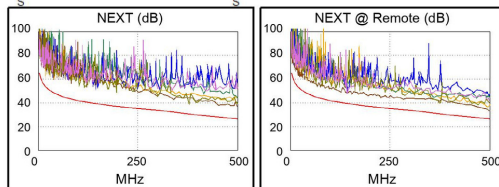
S/N: 4716155

Length (ft), Limit 295	[Pair 1,2]	292
Prop. Delay (ns), Limit 498	[Pair 4,5]	456
Delay Skew (ns), Limit 44	[Pair 4,5]	36
Resistance (ohms)	[Pair 4,5]	12.67
Resist. Unbal. (ohms)	[Pair 3,6]	0.123
Resist. P2P Unbal. (ohms)	[Pair 1,2-4,5]	0.230
Insertion Loss Margin (dB)	[Pair 3,6]	1.2
Frequency (MHz)	[Pair 3,6]	495.0
Limit (dB)	[Pair 3,6]	43.5

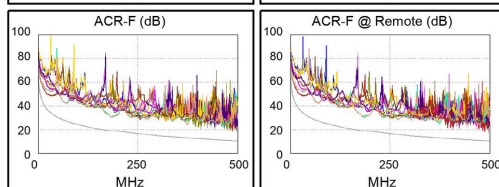


Worst Case Margin Worst Case Value

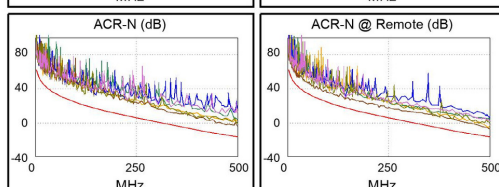
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	8.7	6.7	9.8	6.7
Freq. (MHz)	378.0	498.0	484.0	498.0
Limit (dB)	30.7	26.7	27.1	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.7	7.5	10.9	7.5
Freq. (MHz)	396.0	498.0	500.0	498.0
Limit (dB)	27.2	23.8	23.8	23.8



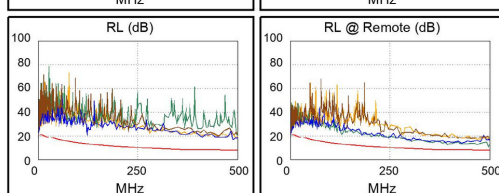
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	10.3	9.8	10.3	9.8
Freq. (MHz)	496.0	496.0	496.0	496.0
Limit (dB)	10.3	10.3	10.3	10.3
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	12.2	12.5	12.2	12.7
Freq. (MHz)	496.0	1.0	496.0	496.0
Limit (dB)	7.3	61.2	7.3	7.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	10.9	9.3	13.5	9.8
Freq. (MHz)	18.1	124.0	499.0	499.0
Limit (dB)	46.3	20.2	-17.0	-17.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	11.8	9.0	12.8	9.1
Freq. (MHz)	396.0	495.0	500.0	498.0
Limit (dB)	-11.0	-19.6	-20.0	-19.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	4,5	3,6
RL (dB)	6.8	2.6	9.0	2.6
Freq. (MHz)	4.1	496.0	487.0	496.0
Limit (dB)	21.0	8.0	8.0	8.0



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

LinkWare™ PC Version 10.8.1