



**Product:** [10GX UTP CMR PRE-TERM 6](#)

10GX UTP CMR Pre-Term 6

### Product Description

10GX UTP CMR Pre-Term 6

### Technical Specifications

#### Product Overview

Suitable Applications:	IBDN System 10GX, TIA Category 6A, 10GBASE-T
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#### Physical Characteristics (Overall)

Total Number of Pairs:	4
Overall Nominal Diameter:	0.85 in
Wiring Scheme:	T568A/B-T568A/B
Packaging:	Individually packaged in a box.

#### Connectors

##### Materials

Description	Material	Color
Boot	Elastomer	Translucent
Braided Sleeve	Engineered Polymer Riser Rated	
Conductor	BC - Bare Copper	
Front Connection	Blades Phosphor Bronze with 50u inch Gold over Nickel Plating	
Insulation	PO - Polyolefin	
Outer Jacket	PVC - Polyvinyl Chloride	

#### Electrical Characteristics

Dielectric Strength:	1,000 V RMS @ 60 Hz for 1 minute
Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum
Max Contact Resistance:	20 mOhm

#### Temperature Range

Installation Temperature Range:	-10°C To +60°C
Storage Temperature Range:	-40°C To +70°C
Operating Temperature Range:	-10°C To +60°C

#### Mechanical Characteristics

Min Bend Radius (Overall Cable):	1.040 in
Plug /Jack Compatibility:	RJ45

##### Termination Interface

Connection	Durabilities
Mated Connection	750 Cycles

## Standards

UL Rating:	Riser
Data Category:	Category 6A
TIA/EIA Compliance:	Category 6A - TIA 568.C.2, Class EA - ISO/IEC 11801:2002 Amendment 2
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7

## Applicable Environmental and Other Programs

Environmental Space:	Riser
EU Directive 2002/95/EC (RoHS):	Yes
MII Order #39 (China RoHS):	EUP 50

## Flammability, LS0H, Toxicity Testing

Safety Listing:	c(UL)us Listed
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## Related Part Numbers

Related Parts:	10GX Shielded Modular Jacks and Couplers, 10GX Shielded Patch Panels
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## Product Notes

Labeling:	Labeled at both ends: Part Number, Serial Number, Termination Scheme, Length, Individual cable identification. Customized Labeling for cable assemblies optional upon request.
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## History

Update and Revision:	Revision Number: 0.167 Revision Date: 05-10-2023
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