

Product: 10GX F/UTP CMR PRE-TERM 6

10GX F/UTP CMR Pre-Term 6

Product Description

10GX F/UTP CMR Pre-Term 6

Technical Specifications

Product Overview

Suitable Applications:	IBDN Shielded System 10GX, TIA Category 6A, 10GBASE-T

Physical Characteristics (Overall)

Total Number of Pairs:	4
Overall Nominal Diameter:	1 in
Wiring Scheme:	T568A/B-T568A/B
Packaging:	Individually packaged in a box.

Connectors

Materials

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

Related Part Numbers

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

Variants

Item #	Color	Length
CAF1100006A06	Black	6 ft
CAF1100007A06	Black	7 ft
CAF1100008A06	Black	8 ft
CAF1100009A06	Black	9 ft
CAF1100010A06	Black	10 ft
CAF1100012A06	Black	12 ft
CAF1100014A06	Black	14 ft
CAF1100015A06	Black	15 ft
CAF1100016A06	Black	16 ft
CAF1100018A06	Black	18 ft
CAF1100020A06	Black	20 ft
CAF1100022A06	Black	22 ft
CAF1100024A06	Black	24 ft
CAF1100025A06	Black	25 ft
CAF1100026A06	Black	26 ft
CAF1100028A06	Black	28 ft
CAF1100030A06	Black	30 ft
CAF1100032A06	Black	32 ft
CAF1100034A06	Black	34 ft
CAF1100035A06	Black	35 ft
CAF1100036A06	Black	36 ft
CAF1100038A06	Black	38 ft
CAF1100040A06	Black	40 ft
CAF1100045A06	Black	45 ft
CAF1100050A06	Black	50 ft
CAF1100295A06	Black	295 ft
CAF1106006A06	Blue	6 ft
CAF1106007A06	Blue	7 ft
CAF1106008A06	Blue	8 ft
CAF1106009A06	Blue	9 ft
CAF1106010A06	Blue	10 ft
CAF1106012A06	Blue	12 ft
CAF1106014A06	Blue	14 ft
CAF1106015A06	Blue	15 ft
CAF1106016A06	Blue	16 ft
CAF1106018A06	Blue	18 ft
CAF1106020A06	Blue	20 ft
CAF1106022A06	Blue	22 ft
CAF1106023A06	Blue	23 ft
CAF1106024A06	Blue	24 ft

CAF1106025A06	Blue	25 ft
CAF1106026A06	Blue	26 ft
CAF1106028A06	Blue	28 ft
CAF1106030A06	Blue	30 ft
CAF1106032A06	Blue	32 ft
CAF1106034A06	Blue	34 ft
CAF1106035A06	Blue	35 ft
CAF1106036A06	Blue	36 ft
CAF1106038A06	Blue	38 ft
CAF1106040A06	Blue	40 ft
CAF1106045A06	Blue	45 ft
CAF1106050A06	Blue	50 ft
CAF1106060A06	Blue	60 ft
CAF1106070A06	Blue	70 ft
CAF1108006A06	Gray	6 ft
CAF1108007A06	Gray	7 ft
CAF1108008A06	Gray	8 ft
CAF1108009A06	Gray	9 ft
CAF1108010A06	Gray	10 ft
CAF1108012A06	Gray	12 ft
CAF1108014A06	Gray	14 ft
CAF1108015A06	Gray	15 ft
CAF1108016A06	Gray	16 ft
CAF1108018A06	Gray	18 ft
CAF1108020A06	Gray	20 ft
CAF1108022A06	Gray	22 ft
CAF1108024A06	Gray	24 ft
CAF1108025A06	Gray	25 ft
CAF1108026A06	Gray	26 ft
CAF1108028A06	Gray	28 ft
CAF1108030A06	Gray	30 ft
CAF1108032A06	Gray	32 ft
CAF1108034A06	Gray	34 ft
CAF1108035A06	Gray	35 ft
CAF1108036A06	Gray	36 ft
CAF1108038A06	Gray	38 ft
CAF1108040A06	Gray	40 ft
CAF1108045A06	Gray	45 ft
CAF1108050A06	Gray	50 ft
CAF1109010A06	White	10 ft
CAF1109015A06	White	15 ft
CAF1109020A06	White	20 ft
CAF1109025A06	White	25 ft
CAF1109030A06	White	30 ft
CAF1109035A06	White	35 ft
CAF1109040A06	White	40 ft
CAF1109045A06	White	45 ft
CAF1109050A06	White	50 ft

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.

History

Update and Revision:	Revision Number: 0.173 Revision Date: 05-10-2023

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