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

10GX F/UTP CMP Pre-Term 6

Product Description

10GX F/UTP CMP 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 Plenum 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):	2.400 in
Plug /Jack Compatibility:	RJ45

Termination Interface

Connection	Durabilities
Mated Connection	750 Cycles

Standards

UL Rating:	Plenum
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:	Plenum
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
CAF2100006A06	Black	6 ft
CAF2100007A06	Black	7 ft
CAF2100008A06	Black	8 ft
CAF2100009A06	Black	9 ft
CAF2100010A06	Black	10 ft
CAF2100012A06	Black	12 ft
CAF2100014A06	Black	14 ft
CAF2100015A06	Black	15 ft
CAF2100016A06	Black	16 ft
CAF2100018A06	Black	18 ft
CAF2100020A06	Black	20 ft
CAF2100022A06	Black	22 ft
CAF2100024A06	Black	24 ft
CAF2100025A06	Black	25 ft
CAF2100026A06	Black	26 ft
CAF2100028A06	Black	28 ft
CAF2100030A06	Black	30 ft
CAF2100032A06	Black	32 ft
CAF2100034A06	Black	34 ft
CAF2100035A06	Black	35 ft
CAF2100036A06	Black	36 ft
CAF2100038A06	Black	38 ft
CAF2100040A06	Black	40 ft
CAF2100045A06	Black	45 ft
CAF2100050A06	Black	50 ft
CAF2100070A06	Black	70 ft
CAF2106010A06	Blue	10 ft
CAF2106015A06	Blue	15 ft
CAF2106020A06	Blue	20 ft
CAF2106025A06	Blue	25 ft
CAF2106030A06	Blue	30 ft
CAF2106035A06	Blue	35 ft
CAF2106040A06	Blue	40 ft
CAF2106045A06	Blue	45 ft
CAF2106050A06	Blue	50 ft
CAF2108006A06	Gray	6 ft
CAF2108007A06	Gray	7 ft
CAF2108008A06	Gray	8 ft
CAF2108009A06	Gray	9 ft
CAF2108010A06	Gray	10 ft

CAF2108012A06	Gray	12 ft
CAF2108014A06	Gray	14 ft
CAF2108015A06	Gray	15 ft
CAF2108016A06	Gray	16 ft
CAF2108018A06	Gray	18 ft
CAF2108020A06	Gray	20 ft
CAF2108022A06	Gray	22 ft
CAF2108024A06	Gray	24 ft
CAF2108025A06	Gray	25 ft
CAF2108026A06	Gray	26 ft
CAF2108028A06	Gray	28 ft
CAF2108030A06	Gray	30 ft
CAF2108032A06	Gray	32 ft
CAF2108034A06	Gray	34 ft
CAF2108035A06	Gray	35 ft
CAF2108036A06	Gray	36 ft
CAF2108038A06	Gray	38 ft
CAF2108040A06	Gray	40 ft
CAF2108045A06	Gray	45 ft
CAF2108050A06	Gray	50 ft
CAF2109010A06	White	10 ft
CAF2109015A06	White	15 ft
CAF2109020A06	White	20 ft
CAF2109025A06	White	25 ft
CAF2109030A06	White	30 ft
CAF2109035A06	White	35 ft
CAF2109040A06	White	40 ft
CAF2109045A06	White	45 ft
CAF2109050A06	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: 0.171 Revision Date: 05-10-2023

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