

Product: 10GX UTP CMR PIGTAILS

10GX UTP CMR Pigtails

Product Description

10GX UTP CMR Pigtails

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 10GX, TIA Category 6A, ISO Class EA, 10GBASE-T

Physical Characteristics (Overall)

Total Number of Pairs:	4
Overall Nominal Diameter:	0.295 in
Packaging:	Individually packaged in a clear plastic bag.

Connectors

Materials

Description	Material	Color
Boot	Elastomer	Translucent
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 Ed.2 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 Modular Jacks and Couplers, 10GX Patch Panels, 10GX IDC Blocks

Variants

Item #	Color	Length
CA31206020	Blue	20 ft
CA31206025	Blue	25 ft
CA31206035	Blue	35 ft
CA31206050	Blue	50 ft
CA31206075	Blue	75 ft
CA31206100	Blue	100 ft
CA31306015	Blue	15 ft
CA31306020	Blue	20 ft
CA31306025	Blue	25 ft
CA31306030	Blue	30 ft
CA31306035	Blue	35 ft
CA31306050	Blue	50 ft
CA31306060	Blue	60 ft
CA31306075	Blue	75 ft
CA31306100	Blue	100 ft
CA31208007	Gray	7 ft
CA31208015	Gray	15 ft
CA31208020	Gray	20 ft
CA31208050	Gray	50 ft
CA31208065	Gray	65 ft
CA31208075	Gray	75 ft
CA31208100	Gray	100 ft
CA31308015	Gray	15 ft
CA31308020	Gray	20 ft
CA31308025	Gray	25 ft
CA31308030	Gray	30 ft
CA31308035	Gray	35 ft
CA31308040	Gray	40 ft
CA31308050	Gray	50 ft
CA31308065	Gray	65 ft
CA31308075	Gray	75 ft
CA31308100	Gray	100 ft
CA31209010	White	10 ft
CA31209015	White	15 ft
CA31209020	White	20 ft
CA31209025	White	25 ft
CA31209035	White	35 ft
CA31209050	White	50 ft
CA31209075	White	75 ft
CA31209100	White	100 ft
CA31308007	White	7 ft
CA31309007	White	7 ft
CA31309015	White	15 ft

CA31309020	White	20 ft
CA31309025	White	25 ft
CA31309035	White	35 ft
CA31309050	White	50 ft
CA31309075	White	75 ft
CA31309100	White	100 ft

Product Notes

Labeling:	Belden Part Number, Performance Acronym, Wiring Scheme and Cord Length.

History

Update and Revision:	Revision Number: 0.232 Revision Date: 05-10-2023

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