

Product: CAT6+ UTP CMR PIGTAILS

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Product Description

CAT6+ UTP CMR Pigtails

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 4800, 3600 and 2400, TIA Category 6, ISO Class E, 1000BASE-T

Physical Characteristics (Overall)

Total Number of Pairs:	4
Overall Nominal Diameter:	0.238 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:	-20°C To +75°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 6
TIA/EIA Compliance:	Category 6 - TIA 568-C.2, Class E - 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:	CAT6+ Modular Jacks and Couplers, CAT6+ Patch Panels, GigaBIX Connectors

Variants

Item #	Color	Length
C631206020	Blue	20 ft
C631206025	Blue	25 ft
C631206030	Blue	30 ft
C631206035	Blue	35 ft
C631206040	Blue	40 ft
C631206050	Blue	50 ft
C631206055	Blue	55 ft
C631206060	Blue	60 ft
C631206075	Blue	75 ft
C631206080	Blue	80 ft
C631206100	Blue	100 ft
C631306015	Blue	15 ft
C631306020	Blue	20 ft
C631306025	Blue	25 ft
C631306035	Blue	35 ft
C631306045	Blue	45 ft
C631306050	Blue	50 ft
C631306060	Blue	60 ft
C631306070	Blue	70 ft
C631306075	Blue	75 ft
C631306080	Blue	80 ft
C631306082	Blue	82 ft
C631306085	Blue	85 ft
C631306100	Blue	100 ft
C631306200	Blue	200 ft
C631208007	Gray	7 ft
C631208010	Gray	10 ft
C631208015	Gray	15 ft
C631208020	Gray	20 ft
C631208025	Gray	25 ft
C631208030	Gray	30 ft
C631208035	Gray	35 ft
C631208040	Gray	40 ft
C631208045	Gray	45 ft
C631208050	Gray	50 ft
C631208060	Gray	60 ft
C631208065	Gray	65 ft
C631208070	Gray	70 ft
C631208075	Gray	75 ft
C631208080	Gray	80 ft
C631208085	Gray	85 ft
C631208100	Gray	100 ft
C631208110	Gray	110 ft

C631208120	Gray	120 ft
C631208156	Gray	156 ft
C631208160	Gray	160 ft
C631308007	Gray	7 ft
C631308010	Gray	10 ft
C631308015	Gray	15 ft
C631308020	Gray	20 ft
C631308025	Gray	25 ft
C631308030	Gray	30 ft
C631308035	Gray	35 ft
C631308050	Gray	50 ft
C631308060	Gray	60 ft
C631308075	Gray	75 ft
C631308100	Gray	100 ft
C631308156	Gray	156 ft
C631308160	Gray	160 ft
C631205020	Green	20 ft
C631205025	Green	25 ft
C631205035	Green	35 ft
C631209050	None	50 ft
C631309050	None	50 ft
C631303030	Orange	30 ft
C631202025	Red	25 ft
C631202050	Red	50 ft
C631202075	Red	75 ft
C631302025	Red	25 ft
C631209010	White	10 ft
C631209015	White	15 ft
C631209020	White	20 ft
C631209025	White	25 ft
C631209035	White	35 ft
C631209060	White	60 ft
C631209075	White	75 ft
C631209090	White	90 ft
C631209100	White	100 ft
C631209156	White	156 ft
C631309004	White	4 ft
C631309007	White	7 ft
C631309015	White	15 ft
C631309020	White	20 ft
C631309025	White	25 ft
C631309035	White	35 ft
C631309075	White	75 ft
C631309100	White	100 ft
C631204015	Yellow	15 ft
C631204007	Yellow	7 ft
C631204010	Yellow	10 ft
C631204020	Yellow	20 ft
C631204025	Yellow	25 ft
C631204035	Yellow	35 ft
C631204050	Yellow	50 ft
C631204075	Yellow	75 ft
C631304020	Yellow	20 ft
C631304025	Yellow	25 ft
C631304030	Yellow	30 ft
C631304050	Yellow	50 ft

Product Notes

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

History

Update and Revision:	Revision Number: 0.273 Revision Date: 05-10-2023

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