

Part Number: CAT6+ UTP CMR PATCH CORDS

CAT6+ UTP CMR Patch Cords

Product Description

CAT6+ UTP CMR Patch Cords

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Total Number of Pairs:	4
Conductor Size:	24 AWG
Overall Nominal Diameter:	0.225 in
Wiring Scheme:	T568A/B-T568A/B
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 Temp Range:	-10°C To +60°C
Storage Temp Range:	-40°C To +70°C
Operating Temp 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 6+
Telecommunications Standards:	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

EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-01-01
MII Order #39 (China RoHS):	EUP 50

Flammability, LS0H, Toxicity Testing

Safety Listing:	c(UL)us Listed

Part Number

Related Parts:	CAT6+ Modular Jacks and Couplers, CAT6+ Patch Panels

Product Notes

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

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