



Product: [CAT6+ UTP CMR 28AWG PATCH CORDS](#) 

CAT6+ UTP CMR 28AWG Patch Cords

Product Description

CAT6+ UTP CMR 28AWG Patch Cords

Technical Specifications

Product Overview

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

Total Number of Pairs:	4
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	Tinned Copper	
Front Connection	Blades Phosphor Bronze with 50u inch Gold over Nickel Plating	
Inner Jacket		
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
ISO/IEC Compliance:	IEC 60603-7
Data Category:	Category 6
TIA/EIA Compliance:	Category 6 - TIA 568.2-D, ISO/IEC 11801-1, TIA TSB-5021
IEEE Compliance:	Power Over Ethernet (PoE) IEEE 802.3at type 1 and 2 (up to 30W), IEEE802.3bt/D1.7 type 3 and 4 (up to 100W), CISCO UPOE (up to 60W), Power over HDBaseTTM (up to 100W)

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes
MII Order #39 (China RoHS):	EUP 50

Flammability, LS0H, Toxicity Testing

Safety Listing:	c(UL)us Listed
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Related Part Numbers

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

Item #	Color	Length
C6D1100003	Black	3 ft
C6D1100004	Black	4 ft
C6D1100005	Black	5 ft
C6D1100007	Black	7 ft
C6D1100010	Black	10 ft
C6D1100001	Black	1 ft
C6D1100002	Black	2 ft
C6D1100015	Black	15 ft
C6D1106003	Blue	3 ft
C6D1106004	Blue	4 ft
C6D1106005	Blue	5 ft
C6D1106007	Blue	7 ft
C6D1106010	Blue	10 ft
C6D1106001	Blue	1 ft
C6D1106002	Blue	2 ft
C6D1106015	Blue	15 ft
C6D1108003	Gray	3 ft
C6D1108001	Gray	1 ft
C6D1108002	Gray	2 ft
C6D1108005	Gray	5 ft
C6D1108015	Gray	15 ft
C6D1108004	Gray	4 ft
C6D1108010	Gray	10 ft
C6D1108007	Gray	7 ft
C6D1105004	Green	4 ft
C6D1105007	Green	7 ft
C6D1105010	Green	10 ft
C6D1105001	Green	1 ft
C6D1105005	Green	5 ft
C6D1105002	Green	2 ft
C6D1105015	Green	15 ft
C6D1105003	Green	3 ft
C6D1109003	White	3 ft
C6D1109004	White	4 ft
C6D1109005	White	5 ft
C6D1109007	White	7 ft
C6D1109010	White	10 ft
C6D1109002	White	2 ft
C6D1109015	White	15 ft

C6D1104003	Yellow	3 ft
C6D1104005	Yellow	5 ft
C6D1104007	Yellow	7 ft
C6D1104010	Yellow	10 ft
C6D1104015	Yellow	15 ft
C6D1104004	Yellow	4 ft
C6D1104001	Yellow	1 ft
C6D1104002	Yellow	2 ft

Product Notes

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

Update and Revision:	Revision Number: 0.8 Revision Date: 07-30-2026
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