



Product: [CAT5E UTP CMP PATCH CORDS](#)

CAT5E UTP CMP Patch Cords

Product Description

CAT5E UTP CMP Patch Cords

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 1200, TIA Category 5E, ISO Class D, 1000BASE-T, 100BASE-T
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Physical Characteristics (Overall)

Total Number of Pairs:	4
Overall Nominal Diameter:	0.22 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 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 5e
TIA/EIA Compliance:	Category 5E - TIA 568-C.2, Class D - 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:	Plenum
EU Directive 2002/95/EC (RoHS):	Yes
MII Order #39 (China RoHS):	EUP 50

Flammability, LSOH, Toxicity Testing

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

Related Parts:	CAT5E Modular Jacks and Couplers, CAT5E Patch Panels
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Variants

Item #	Color	Length
C502100030	Black	30 ft
C502100033	Black	33 ft
C502100036	Black	36 ft
C502100040	Black	40 ft
C502100043	Black	43 ft
C502100046	Black	46 ft
C502100049	Black	49 ft
C502100052	Black	52 ft
C502100056	Black	56 ft
C502100059	Black	59 ft
C502100062	Black	62 ft
C502100066	Black	66 ft
C502100069	Black	69 ft
C502100072	Black	72 ft
C502100079	Black	79 ft
C502100082	Black	82 ft
C502100085	Black	85 ft
C502100092	Black	92 ft
C502100102	Black	102 ft
C502106002	Blue	2 ft
C502106004	Blue	4 ft
C502106005	Blue	5 ft
C502106006	Blue	6 ft
C502106007	Blue	7 ft
C502106010	Blue	10 ft
C502106012	Blue	12 ft
C502106015	Blue	15 ft
C502106020	Blue	20 ft
C502106025	Blue	25 ft
C502106030	Blue	30 ft
C502106050	Blue	50 ft
C502106075	Blue	75 ft
C502106080	Blue	80 ft
C502106090	Blue	90 ft
C502108004	Gray	4 ft
C502108005	Gray	5 ft
C502108007	Gray	7 ft
C502108010	Gray	10 ft
C502108025	Gray	25 ft
C502108035	Gray	35 ft
C502108050	Gray	50 ft

C502108066	Gray	66 ft
C502105050	Green	50 ft
C502105070	Green	70 ft
C502105075	Green	75 ft
C502105080	Green	80 ft
C502105100	Green	100 ft
C502105150	Green	150 ft
C502103010	Orange	10 ft
C502103015	Orange	15 ft
C502103020	Orange	20 ft
C502107025	Purple	25 ft
C502116025	TIA Blue	25 ft
C502116050	TIA Blue	50 ft
C502109003	White	3 ft
C502109004	White	4 ft
C502109007	White	7 ft
C502109010	White	10 ft
C502109012	White	12 ft
C502109015	White	15 ft
C502109020	White	20 ft
C502109025	White	25 ft
C502109050	White	50 ft
C502104035	Yellow	35 ft

Product Notes

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

Update and Revision:	Revision Number: 0.164 Revision Date: 05-10-2023
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