

Product: CAT6+ UTP CMP PATCH CORDS

CAT6+ UTP CMP Patch Cords

Product Description

CAT6+ UTP CMP Patch Cords

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
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:	-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:	Plenum
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:	Plenum
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

Variants

Item #	Color	Length
C602100001	Black	1 ft
C602100002	Black	2 ft
C602100003	Black	3 ft
C602100004	Black	4 ft
C602100006	Black	6 ft
C602100008	Black	8 ft
C602100010	Black	10 ft
C602100012	Black	12 ft
C602100025	Black	25 ft
C602106060	Blue	60 ft
C602106025	Blue	25 ft
C602106040	Blue	40 ft
C602106045	Blue	45 ft
C602106100	Blue	100 ft
C602108002	Gray	2 ft
C602108003	Gray	3 ft
C602108006	Gray	6 ft
C602108008	Gray	8 ft
C602108010	Gray	10 ft
C602108025	Gray	25 ft
C602108070	Gray	70 ft
C602108100	Gray	100 ft
C602105005	Green	5 ft
C602105014	Green	14 ft
C602105016	Green	16 ft
C602105018	Green	18 ft
C602105040	Green	40 ft
C602105050	Green	50 ft
C602105065	Green	65 ft
C602105075	Green	75 ft
C602105100	Green	100 ft
C602105125	Green	125 ft
C602105150	Green	150 ft
C602105175	Green	175 ft
C602105200	Green	200 ft
C602103003	Orange	3 ft
C602103006	Orange	6 ft
C602103015	Orange	15 ft
C602103025	Orange	25 ft
C602107025	Purple	25 ft
C602102001	Red	1 ft

C602102002	Red	2 ft
C602102004	Red	4 ft
C602102006	Red	6 ft
C602102008	Red	8 ft
C602102010	Red	10 ft
C602102012	Red	12 ft
C602102025	Red	25 ft
C602109002	White	2 ft
C602109003	White	3 ft
C602109004	White	4 ft
C602109010	White	10 ft
C602109015	White	15 ft
C602109040	White	40 ft
C602109066	White	66 ft
C602109070	White	70 ft
C602109099	White	99 ft
C602109100	White	100 ft
C602109110	White	110 ft
C602109150	White	150 ft
C602104007	Yellow	7 ft
C602104010	Yellow	10 ft
C602104025	Yellow	25 ft
C602104065	Yellow	65 ft
C602104075	Yellow	75 ft

Product Notes

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

History

Update and Revision:	Revision Number: 0.267 Revision Date: 05-10-2023

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.