



Product: [CAT6 UTP CM Patch Cords](#)

DataConnect CAT6 UTP Patch Cords, CM, Non-bonded

Product Description

DataConnect CAT6 UTP CM Non-Bonded Patch Cords

Technical Specifications

Product Overview

Suitable Applications:	DataConnect Category 6, TIA Category 6, ISO Class E, 1000BASE-T, 100BASE-T
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Physical Characteristics (Overall)

Total Number of Pairs:	4
Nominal diameter of the cable:	0.223 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	
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:	CM (Not Riser or Plenum)
ISO/IEC Compliance:	IEC 60603-7
ANSI/TIA Category:	Category 6
Telecommunications Standards:	Category 6 - TIA 568.2-D, ISO/IEC 11801-1, TIA TSB-5021
IEEE Specification:	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)
Other Standards:	UL 1863, ANSI/TIA 1096-A (formerly FCC Part 68-F)

Applicable Environmental and Other Programs

Environmental Space:	Indoor
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, LSOH, Toxicity Testing

Safety Listing:	c(UL)us Listed
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Part Number

Related Parts:	DataConnect CAT6 Modular Jacks, DataConnect CAT6 Patch Panels
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Product Notes

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

Update and Revision:	Revision Number: 0.13 Revision Date: 04-06-2020
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