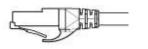
Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

C501106004 Cable Assemblies - CAT5E Modular Cord







For more Information please call

1-800-Belden1



General Description:

CAT5E Patch Cord, Bonded-Pair, 4 Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 4 ft. (1.2 m).

Usage (Overall)

Suitable Applications:

IBDN System 1200, TIA Category 5E, ISO Class D, 1000BASE-T, 100BASE-T

Related Parts:	CAT5E Modular Jacks, CAT5E Patch Panels
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Multi Conductor				
Physical Characte Conductor AWG:	eristics	5		
	Strandin Solid	g Conductor Material BC - Bare Copper		
Insulation Insulation Mate Insulation Mate PO - Polyolefin	erial			
Outer Jacket Outer Jacket M Outer Jacket M PVC - Polyviny	Material			
Outer Jacket Co Color Blue				
Overall Diamete Overall Nomina		4	5.283 mm	
Individual Cable			6.096 mm	
Physical Charact	toristi	cs (Connectivity)		
Materials Materials:	ion su			
Description	Туре	Material		
Plug	RJ45	Polycarbonate		
Boot		Rubber		
Front Connection	Blades	Phosphor Bronze with 50u	inch Gold over Nickel Plating	
Color				
Boot Color:			Translucent	
Wiring Scheme				
Wiring Scheme	:		T568A/B	
Woight				

Weight

Weight:

0.027 kg

Packaging

Packaging:

Individually packaged in a clear plastic bag.

Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



C501106004 Cable Assemblies - CAT5E Modular Cord

chanical Characteristics (Connectiv	/ity)
Plug / Jack Compatibility:	RJ45
rmination Interface:	
Termination Connection Durabilities	
RJ45 Mated Connection 750 Cycles	
Storage Temperature Range:	-40°C To +70°C
Installation Temperature Range:	-10°C To +60°C
Operating Temperature Range:	-10°C To +60°C
Max. Recommended Pull Tension:	111.205 N
Min. Bend Radius (Overall Cable):	26.416 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating:	Riser
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006
MII Order #39 (China RoHS):	EUP 50
Telecommunications Standards:	Category 5e - TIA 568.B.2, Category 5 - ISO/IEC 11801:2002 Ed.2
Safety Listing:	ACA, Bi-national Standard Listed
Suitability	
Suitability - Indoor:	Yes

Transmission Characteristics (Connectivity)

Performance Table 1:

Frequency (MHz)	Max. Insertion Loss TIA* (dB)	Max. Insertion Loss Belden (dB)	Min. PSNEXT TIA* (dB)	Min PSNEXT Belden (dB)	Min. PSACRF TIA* (dB)	Min. PSACRF Belden (dB)
1.000	2.400	2.000	62.300	65.300	60.800	60.800
4.000	4.900	4.000	53.300	56.300	48.800	48.800
8.000	6.900	5.700	48.800	51.800	42.700	42.700
10.000	7.800	6.400	47.300	50.300	40.800	40.800
16.000	9.900	8.100	44.200	47.300	36.700	36.700
20.000	11.100	9.200	42.800	45.800	34.800	34.800
25.000	12.500	10.300	41.300	44.300	32.800	32.800
31.250	14.100	11.600	39.900	42.900	30.900	30.900
62.500	20.400	16.800	35.400	38.400	24.900	24.900
100.000	26.400	21.700	32.300	35.300	20.800	20.800
160.000		28.200		32.300		16.700

Performance Table - Footnote:

Performance Table 2:

Frequency (MHz)	Min. Return Loss TIA* (dB)	Min. Return Loss Belden (dB)
1.000	20.000	20.000
4.000	23.000	23.000
8.000	24.500	24.500
10.000	25.000	25.000
16.000	25.000	25.000
20.000	25.000	25.000
25.000	24.200	25.000
31.250	23.300	25.000

100 Meter Cable Specifications - * TIA-EIA-568-B.2 Category 5e Standard ------ PSACRF is formally PSELFEXT



METRIC MEASUREMENT VERSION

C501106004 Cable Assemblies - CAT5E Modular Cord

62.500	20.700	25.000
100.000	19.000	20.000
160.000		19.000

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 m-Ohm

Notes (Overall)

Product Family

Product List:

Length	Yellow	Green	Blue	Gray	White	Black
2 ft. (0.6 m)	C501104002	C501105002	C501106002	C501108002	C501109002	C501100002
4 ft. (1.2 m)	C501104004	C501105004	C501106004	C501108004	C501109004	C501100004
7 ft. (2.1 m)	C501104007	C501105007	C501106007	C501108007	C501109007	C501100007
10 ft. (3.0 m)	C501104010	C501105010	C501106010	C501108010	C501109010	C501100010
15 ft. (4.6 m)	C501104015	C501105015	C501106015	C501108015	C501109015	C501100015
25 ft. (7.6 m)	C501104025	C501105025	C501106025	C501108025	C501109025	C501100025

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
C501106004	1 EA	0.129 LB	BLUE, LIGHT		PATCHCORD BCAT5E CMR BLU 4FT

Revision Date: 06-08-2009 **Revision Number: 0**

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