

Product: CAT5E F/UTP CMR PATCH CORDS

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Product Description

CAT5E F/UTP CMR Patch Cords

Technical Specifications

Product Overview

Suitable Applications:	IBDN Shielded System Cat 5e, TIA Category 5e, ISO Class D, 1000BASE-T

Physical Characteristics (Overall)

Total Number of Pairs:	4
Overall Nominal Diameter:	0.275 in
Wiring Scheme:	T568A/B-T568A/B
Packaging:	Individually packaged in a clear plastic bag.

Connectors

Materials

Description	Material	Color
Boot	Elastomer	Same as cable
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):	2.200 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:	Riser
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:	CAT5E Shielded KeyConnect Modular Jacks and Couplers, Shielded Patch Panels

Variants

Item #	Color	Length
C5F1100002	Black	2 ft
C5F1100003	Black	3 ft
C5F1100004	Black	4 ft
C5F1100005	Black	5 ft
C5F1100006	Black	6 ft
C5F1100007	Black	7 ft
C5F1100008	Black	8 ft
C5F1100009	Black	9 ft
C5F1100010	Black	10 ft
C5F1100011	Black	11 ft
C5F1100012	Black	12 ft
C5F1100013	Black	13 ft
C5F1100014	Black	14 ft
C5F1100015	Black	15 ft
C5F1100020	Black	20 ft
C5F1100025	Black	25 ft
C5F1100040	Black	40 ft
C5F1100050	Black	50 ft
C5F1106001	Blue	1 ft
C5F1106002	Blue	2 ft
C5F1106003	Blue	3 ft
C5F1106004	Blue	4 ft
C5F1106005	Blue	5 ft
C5F1106006	Blue	6 ft
C5F1106007	Blue	7 ft
C5F1106008	Blue	8 ft
C5F1106009	Blue	9 ft
C5F1106010	Blue	10 ft
C5F1106011	Blue	11 ft
C5F1106012	Blue	12 ft
C5F1106013	Blue	13 ft
C5F1106014	Blue	14 ft
C5F1106015	Blue	15 ft
C5F1106016	Blue	16 ft
C5F1106018	Blue	18 ft
C5F1106020	Blue	20 ft
C5F1106022	Blue	22 ft
C5F1106024	Blue	24 ft
C5F1106025	Blue	25 ft
C5F1106026	Blue	26 ft
C5F1106027	Blue	27 ft

C5F1106028	Blue	28 ft
C5F1106030	Blue	30 ft
C5F1106040	Blue	40 ft
C5F1106050	Blue	50 ft
C5F1106066	Blue	66 ft
C5F1106082	Blue	82 ft
C5F1108001	Gray	1 ft
C5F1108002	Gray	2 ft
C5F1108003	Gray	3 ft
C5F1108004	Gray	4 ft
C5F1108005	Gray	5 ft
C5F1108006	Gray	6 ft
C5F1108007	Gray	7 ft
C5F1108008	Gray	8 ft
C5F1108009	Gray	9 ft
C5F1108010	Gray	10 ft
C5F1108011	Gray	11 ft
C5F1108012	Gray	12 ft
C5F1108013	Gray	13 ft
C5F1108014	Gray	14 ft
C5F1108015	Gray	15 ft
C5F1108020	Gray	20 ft
C5F1108025	Gray	25 ft
C5F1108050	Gray	50 ft
C5F1108095	Gray	95 ft
C5F1102003	Red	3 ft
C5F1102004	Red	4 ft
C5F1102005	Red	5 ft
C5F1102007	Red	7 ft
C5F1102010	Red	10 ft
C5F1102015	Red	15 ft
C5F1102025	Red	25 ft
C5F1109001	White	1 ft
C5F1109002	White	2 ft
C5F1109003	White	3 ft
C5F1109004	White	4 ft
C5F1109005	White	5 ft
C5F1109006	White	6 ft
C5F1109007	White	7 ft
C5F1109008	White	8 ft
C5F1109009	White	9 ft
C5F1109010	White	10 ft
C5F1109011	White	11 ft
C5F1109012	White	12 ft
C5F1109013	White	13 ft
C5F1109014	White	14 ft
C5F1109015	White	15 ft
C5F1109025	White	25 ft
C5F1109050	White	50 ft

Product Notes

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

History

Update and Revision:	Revision Number: 0.165 Revision Date: 05-10-2023

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