

Product: CAD1108001

Cable Assemblies - CAT6A Performance Modular Cord, 1 ft. (0.3 m)

Product Description

CAT6A Performance Patch Cord UTP, 4-Pair, 28 AWG Stranded, CMR, T568A/B-T568A/B, Gray, 1 ft. (0.3 m)

Technical Specifications

Product Overview

Suitable Applications:	TIA Category 6A, ISO Class EA, 10GBASE-T, Support Power over Ethernet (up to 100W), Cisco UPOE (up to 60W) and Power over HDBase-T (up to 100W)

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
28	Stranded	TC - Tinned Copper	4

Insulation

Material
PE - Polyethylene

Outer Jacket

Material
PVC - Polyvinyl Chloride

Overall Nominal Diameter:	0.186 in
Material:	PVC - Polyvinyl Chloride
Wiring Scheme:	T568A/B-T568A/B
Packaging:	Individually packaged in a clear plastic bag

Connectors

Materials

Description	Material	Type
Plug	Polycarbonate - UL94V-0	RJ45
Boot	Polycarbonate - UL94V-0	
Front Connection	Phosphor Bronze with 50u inch Gold over Nickel Plating	Blades

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

Voltage

UL Voltage Rating
300 V RMS

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

Maximum Recommended Pulling Tension:	11.250 lbs
Min Bend Radius (Overall Cable):	0.744 in
Plug /Jack Compatibility:	RJ45

Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

Standards

UL Rating:	Riser
TIA/EIA Compliance:	Category 6A - TIA-568.2-D ISO/IEC 11801-1
Other Standards:	IEC 60603-7, ANSI/TIA 1096-A (formerly FCC Part 68-F)

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes
MII Order #39 (China RoHS):	EUP 50

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	300 V RMS
Safety Listing:	c(UL)us Listed

Related Part Numbers

Related Parts:	10GX Modular Jacks, 10GX RJ45 Couplers, 10GX Patch Panels

Product Notes

Notes:	Insulation Material: High Density Polyethylene Cable Weight: 0.0152 lbs/ft. This product may be protected by one or more patents. For further information, please visit: https://www.belden.com/patents.
Labeling:	Labeling: Belden Part Number and Cord Length

History

Update and Revision:	Revision Number: 0.12 Revision Date: 02-08-2024

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