

Product: [CAD4CxyzzzM](#) 



CAT 6A Shielded Copper Patch Cord, 28 AWG, F/UTP, LSZH Shielded

Product Description

CAT 6A Shielded Copper Patch Cord, 28 AWG, F/UTP, LSZH Shielded

Technical Specifications

Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category 6A, 10GX, Category6A & 5e applications, such as: 10Base-T, 100Base-TX, 1000Base-T and 10G-Base-T
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
28	Stranded	BC - Bare Copper	4

Insulation

Material
PE - Polyethylene

Outer Shield

Drainwire Material
Stranded Tinned Copper

Outer Jacket

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	4.8 mm

Wiring Scheme:	T568A/B-T568A/B
Packaging:	Individually packaged in a clear plastic bag.

Connectors

Materials

Description	Material	Type
Plug	Shielded Polycarbonate	RJ45
Boot	Polycarbonate	Snagless
Front Connection	Phosphor bronze plated with 1.27µm gold over 2.54µm nickel undercoat	Blades

Electrical Characteristics

Dielectric Strength:	750 V AC (RMS)
Current Rating:	1.5 A
Insulation Resistance:	5 G ohm*km
Max Contact Resistance:	20 mOhm
Rated Voltage:	120 V DC

Temperature Range

Installation Temp Range:	0°C To +55°C
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Operating Temp Range:	-20°C To +75°C
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Mechanical Characteristics

Plug /Jack Compatibility:	RJ45
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Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

Standards

ISO/IEC Compliance:	ISO/IEC 11801-1
Data Category:	Category 6A
TIA/EIA Compliance:	ISO/IEC 11801-1, ANSI/TIA/EIA 568 C.2

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Related Part Numbers

Related Parts:	CAT6A Modular Jacks, CAT6A Patch Panels
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Variants

Item #	Color	Length
CAD4C1100D5M	Black	0.5 m
CAD4C110001M	Black	1 m
CAD4C110002M	Black	2 m
CAD4C110003M	Black	3 m
CAD4C110005M	Black	5 m
CAD4C1060D5M	Blue	0.5 m
CAD4C106001M	Blue	1 m
CAD4C106002M	Blue	2 m
CAD4C106003M	Blue	3 m
CAD4C106005M	Blue	5 m
CAD4C1050D5M	Green	0.5 m
CAD4C105001M	Green	1 m
CAD4C105002M	Green	2 m
CAD4C105003M	Green	3 m
CAD4C105005M	Green	5 m
CAD4C1080D5M	Grey	0.5 m
CAD4C108001M	Grey	1 m
CAD4C108002M	Grey	2 m
CAD4C108003M	Grey	3 m
CAD4C108005M	Grey	5 m
CAD4C103001M	Orange	1 m
CAD4C103002M	Orange	2 m
CAD4C103003M	Orange	3 m
CAD4C103005M	Orange	5 m
CAD4C1070D5M	Purple	0.5 m
CAD4C107001M	Purple	1 m
CAD4C107002M	Purple	2 m
CAD4C107003M	Purple	3 m
CAD4C107005M	Purple	5 m
CAD4C1030D5M	Red	0.5 m
CAD4C102001M	Red	1 m
CAD4C102002M	Red	2 m
CAD4C102003M	Red	3 m
CAD4C102005M	Red	5 m
CAD4C1090D5M	White	0.5 m

CAD4C109001M	White	1 m
CAD4C109002M	White	2 m
CAD4C109003M	White	3 m
CAD4C109005M	White	5 m
CAD4C1040D5M	Yellow	0.5 m
CAD4C104001M	Yellow	1 m
CAD4C104002M	Yellow	2 m
CAD4C104003M	Yellow	3 m
CAD4C104005M	Yellow	5 m

History

Update and Revision:	Revision Number: 0.5 Revision Date: 01-31-2022
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