



Product: [CA54XYYZZZM](#)



CAT 6A unshielded patch cord, LSZH Stranded, T568A and T568B compatible

Product Description

CAT 6A unshielded patch cord, LSZH Stranded, T568A and T568B compatible

Technical Specifications

Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category 6A, 10GX, Category6 & 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
26	Stranded	BC - Bare Copper	4

Insulation

Material
PE - Polyethylene

Outer Jacket

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.1 mm

Wiring Scheme:	T568A/B (Straight)
Packaging:	Individually packaged in a clear plastic bag.

Connectors

Materials

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

Electrical Characteristics

Dielectric Strength:	1000 V AC (RMS)
Current Rating:	1.5 A
Insulation Resistance:	500 MOhm min
Max Contact Resistance:	20 mOhm
Rated Voltage:	72 V DC

Temperature Range

Installation Temperature Range:	0°C To +50°C
Operating Temperature Range:	-20°C To +60°C

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
ANSI Compliance:	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
CA54106001M	Blue	1,000 mm
CA54106002M	Blue	2,000 mm
CA54106003M	Blue	3,000 mm
CA54106005M	Blue	5,000 mm
CA54106010M	Blue	10,000 mm
CA54105001M	Green	1,000 mm
CA54105002M	Green	2,000 mm
CA54105003M	Green	3,000 mm
CA54105005M	Green	5,000 mm
CA54105010M	Green	10,000 mm
CA54108001M	Grey	1,000 mm
CA54108002M	Grey	2,000 mm
CA54108003M	Grey	3,000 mm
CA54108005M	Grey	5,000 mm
CA54108010M	Grey	10,000 mm
CA54102001M	Red	1,000 mm
CA54102002M	Red	2,000 mm
CA54102003M	Red	3,000 mm
CA54102005M	Red	5,000 mm
CA54102010M	Red	10,000 mm
CA54109001M	White	1,000 mm
CA54109002M	White	2,000 mm
CA54109003M	White	3,000 mm
CA54109005M	White	5,000 mm
CA54109010M	White	10,000 mm
CA54104001M	Yellow	1,000 mm
CA54104002M	Yellow	2,000 mm
CA54104003M	Yellow	3,000 mm
CA54104005M	Yellow	5,000 mm
CA54104010M	Yellow	10,000 mm

History

Update and Revision:	Revision Number: 0.8 Revision Date: 09-30-2024
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