

Product: [CA24102002M](#) 



CAT 6A 10GX unshielded patch cord, LSZH stranded, T568A/B compatible, Red, 2 meter

Product Description

CAT 6A 10GX unshielded patch cord, LSZH stranded, T568A/B compatible, Red, 2 meter

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 (Foam)

Outer Shield

Type	Description	Material	Coverage [%]
Braid	Overall Shielding	Tinned Copper (TC)	30%

Table Notes:	Individual Shielding: 2 twisted insulated conductors with overall foil laminated aluminium-polyester
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Outer Jacket

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

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

Materials

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

Electrical Characteristics

Rated Voltage:	72 V DC Max.
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Temperature Range

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

Mechanical Characteristics

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
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Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1
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Related Part Numbers

Related Parts:	CAT6A Modular Jacks, CAT6A Patch panels
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History

Update and Revision:	Revision Number: 0.8 Revision Date: 05-05-2022
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