BELDEN

Product: C654102010M ↗

CAT 6 unshielded patch cord, LSZH Stranded, T568A and T568B compatible, Red, 10 Meter

Product Description

CAT 6 unshielded patch cord, LSZH Stranded, T568A and T568B compatible, Red, 10 Meter

Technical Specifications

Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category6 & 5e applications, such as: 10Base-T, 100Base-TX.

Physical Characteristics (Overall)

Conductor

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

Insulation

Material
PE - Polyethylene

Outer Jacket

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	5.9 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 Max.

Temperature Range

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

Mechanical Characteristics

Plug /Jack Compatibility:	RJ45

Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

Standards

ISO/IEC Compliance:	ISO/IEC 11801-1
Data Category:	Category 6
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

Related Part Numbers

Related Parts:	CAT6 & CAT5e Modular Jacks, CAT6 & CAT5e Patch panels

History

Update and Revision:	Revision Number: 0.18 Revision Date: 08-16-2023