



Product: [C6541yyzzzM](#)



CAT 6 unshielded patch cord, LSZH Stranded

Product Description

CAT 6 unshielded patch cord, LSZH Stranded

Technical Specifications

Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category6 & 5e applications, such as: 10Base-T, 100Base-TX.
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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-T568A/B
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

Voltage

Voltage Rating [V]
72 V DC Max

Temperature Range

Installation Temperature Range:	0°C To +50°C
Operating Temperature Range:	-20°C To +75°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 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
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Related Part Numbers

Related Parts:	CAT6 Modular Jacks, CAT6 Patch Panels
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Variants

Item #	Color	Length
C6541100D5M	Black	0.5 m
C654110001M	Black	1 m
C654110002M	Black	2 m
C654110003M	Black	3 m
C654110005M	Black	5 m
C654110010M	Black	10 m
C654110001F	Black	1 ft
C6541060D5M	Blue	0.5 m
C654106001M	Blue	1 m
C654106002M	Blue	2 m
C654106003M	Blue	3 m
C654106005M	Blue	5 m
C654106010M	Blue	10 m
C654106001F	Blue	1 ft
C6541010D5M	Brown	0.5 m
C654101001M	Brown	1 m
C654101002M	Brown	2 m
C654101003M	Brown	3 m
C654101005M	Brown	5 m
C654101010M	Brown	10 m
C654101001F	Brown	1 ft
C6541050D5M	Green	0.5 m
C654105001M	Green	1 m
C654105002M	Green	2 m
C654105003M	Green	3 m
C654105005M	Green	5 m
C654105010M	Green	10 m
C654105001F	Green	1 ft
C6541080D5M	Grey	0.5 m
C654108001M	Grey	1 m
C654108002M	Grey	2 m
C654108003M	Grey	3 m
C654108005M	Grey	5 m
C654108010M	Grey	10 m
C654108001F	Grey	1 ft
C6541030D5M	Orange	0.5 m

C654103001M	Orange	1 m
C654103002M	Orange	2 m
C654103003M	Orange	3 m
C654103005M	Orange	5 m
C654103010M	Orange	10 m
C654103001F	Orange	1 ft
C6541PK0D5M	Pink	0.5 m
C6541PK001M	Pink	1 m
C6541PK002M	Pink	2 m
C6541PK003M	Pink	3 m
C6541PK005M	Pink	5 m
C6541020D5M	Red	0.5 m
C654102001M	Red	1 m
C654102002M	Red	2 m
C654102003M	Red	3 m
C654102005M	Red	5 m
C654102010M	Red	10 m
C654102001F	Red	1 ft
C6541070D5M	Violet	0.5 m
C654107001M	Violet	1 m
C654107002M	Violet	2 m
C654107003M	Violet	3 m
C654107005M	Violet	5 m
C654107010M	Violet	10 m
C654107001F	Violet	1 ft
C6541090D5M	White	0.5 m
C654109001M	White	1 m
C654109002M	White	2 m
C654109003M	White	3 m
C654109005M	White	5 m
C654109010M	White	10 m
C654109001F	White	1 ft
C6541040D5M	Yellow	0.5 m
C654104001M	Yellow	1 m
C654104002M	Yellow	2 m
C654104003M	Yellow	3 m
C654104005M	Yellow	5 m
C654104010M	Yellow	10 m
C654104001F	Yellow	1 ft

History

Update and Revision:	Revision Number: 0.10 Revision Date: 09-02-2025
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