



Product: [C554XYYZZZM](#)



CAT5E Copper Patch Cord, UTP, 24AWG, LSZH

Product Description

CAT5E Copper Patch Cord, UTP, 24AWG, LSZH

Technical Specifications

Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category 5e such as: 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI, ATM.
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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)	5.7 mm

Wiring Scheme:	T568A/B (Straight) - T568A-B (Cross-over)
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 Rating:	30 V AC

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 5e
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:	CAT5e Modular Jacks, CAT5e Patch panels
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Variants

Item #	Color	Length
C5541000D5M	Black	0.5 m
C554100001M	Black	1 m
C554100002M	Black	2 m
C554100003M	Black	3 m
C554100005M	Black	5 m
C554100010M	Black	10 m
C554100001F	Black	1 ft
C5541060D5M	Blue	0.5 m
C554106001M	Blue	1 m
C554106002M	Blue	2 m
C554106003M	Blue	3 m
C554106005M	Blue	5 m
C554106010M	Blue	10 m
C554106001F	Blue	1 ft
C5541010D5M	Brown	0.5 m
C554101001M	Brown	1 m
C554101002M	Brown	2 m
C554101003M	Brown	3 m
C554101005M	Brown	5 m
C554101010M	Brown	10 m
C554101001F	Brown	1 ft
C5541050D5M	Green	0.5 m
C554105001M	Green	1 m
C554105002M	Green	2 m
C554105003M	Green	3 m
C554105005M	Green	5 m
C554105010M	Green	10 m
C554105001F	Green	1 ft
C5541080D5M	Grey	0.5 m
C554108001M	Grey	1 m
C554108002M	Grey	2 m
C554108003M	Grey	3 m
C554108005M	Grey	5 m
C554108010M	Grey	10 m
C554108001F	Grey	1 ft
C5541030D5M	Orange	0.5 m
C554103001M	Orange	1 m
C554103002M	Orange	2 m
C554103003M	Orange	3 m

C554103005M	Orange	5 m
C554103010M	Orange	10 m
C554103001F	Orange	1 ft
C5541070D5M	Purple	0.5 m
C554107001M	Purple	1 m
C554107002M	Purple	2 m
C554107003M	Purple	3 m
C554107005M	Purple	5 m
C554107010M	Purple	10 m
C554107001F	Purple	1 ft
C5541020D5M	Red	0.5 m
C554102001M	Red	1 m
C554102002M	Red	2 m
C554102003M	Red	3 m
C554102005M	Red	5 m
C554102010M	Red	10 m
C554102001F	Red	1 ft
C5541090D5M	White	0.5 m
C554109001M	White	1 m
C554109002M	White	2 m
C554109003M	White	3 m
C554109005M	White	5 m
C554109010M	White	10 m
C554109001F	White	1 ft
C5541040D5M	Yellow	0.5 m
C554104001M	Yellow	1 m
C554104002M	Yellow	2 m
C554104003M	Yellow	3 m
C554104005M	Yellow	5 m
C554104010M	Yellow	10 m
C554104001F	Yellow	1 ft

History

Update and Revision:	Revision Number: 0.6 Revision Date: 01-05-2023
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