



Part Number: C6541XXYYM

Product Description

CAT6 Copper Patch Cord, UTP, LSZH

Technical Specifications

Product Overview

Environmental Space:	LSZH
Suitable Applications:	Horizontal and building cabling. Support current and future Category 6 & 5e applications, such as: 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI, ATM

Physical Characteristics (Overall)

Conductor

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

Insulation

Material
Polyethylene

Inner Material

Material
No inner

Outer Material

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen	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 VAC (RMS)
Current Rating:	1.5 A
Insulation Resistance:	500 MΩ min
Max Contact Resistance:	20 mΩ

Voltage

Voltage Rating [V]

30 VAC

Temperature Range

Installation Temp Range: 0°C To +50°C

Operating Temp Range: -20°C to +60°C

Mechanical Characteristics

Pull Force 20 lbs (89N)

Plug /Jack Compatibility: RJ45

Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

Standards

ISO/IEC Compliance: ISO/IEC 11801-1

ANSI/TIA Category: Category 6

Telecommunications Standards: ISO/IEC 11801-1, ANSI/TIA/EIA 568 C.2

Applicable Environmental and Other Programs

EU RoHS Compliant (Y/N) Yes

Suitability

Suitability - Indoor: Yes

Part Number

Related Products: CAT6 Modular Jacks, CAT6 Patch Panels

Part Number Selection

	Color	Length	Part Number	Description
LSZH	Brown	0.5 M	C6541010D5M	Category 6 24AWG LSZH Patch Cord Brown 0.5 mtr patchcord
		1 M	C654101001M	Category 6 24AWG LSZH Patch Cord Brown 1 mtr patchcord
		2 M	C654101002M	Category 6 24AWG LSZH Patch Cord Brown 2 mtr patchcord
		3 M	C654101003M	Category 6 24AWG LSZH Patch Cord Brown 3 mtr patchcord
		5 M	C654101005M	Category 6 24AWG LSZH Patch Cord Brown 5 mtr patchcord
		10 M	C654101010M	Category 6 24AWG LSZH Patch Cord Brown 10 mtr patchcord
	Red	1 F	C654101001F	Category 6 24AWG LSZH Patch Cord Brown 1 feet patchcord
		0.5 M	C6541020D5M	Category 6 24AWG LSZH Patch Cord Red 0.5 mtr patchcord
		1 M	C654102001M	Category 6 24AWG LSZH Patch Cord Red 1 mtr patchcord
		2 M	C654102002M	Category 6 24AWG LSZH Patch Cord Red 2 mtr patchcord
		3 M	C654102003M	Category 6 24AWG LSZH Patch Cord Red 3 mtr patchcord
		5 M	C654102005M	Category 6 24AWG LSZH Patch Cord Red 5 mtr patchcord
	Orange	10 M	C654102010M	Category 6 24AWG LSZH Patch Cord Red 10 mtr patchcord
		1 F	C654102001F	Category 6 24AWG LSZH Patch Cord Red 1 feet patchcord
		0.5 M	C6541030D5M	Category 6 24AWG LSZH Patch Cord Orange 0.5 mtr patchcord
		1 M	C654103001M	Category 6 24AWG LSZH Patch Cord Orange 1 mtr patchcord
		2 M	C654103002M	Category 6 24AWG LSZH Patch Cord Orange 2 mtr patchcord
		3 M	C654103003M	Category 6 24AWG LSZH Patch Cord Orange 3 mtr patchcord
	Yellow	5 M	C654103005M	Category 6 24AWG LSZH Patch Cord Orange 5 mtr patchcord
		10 M	C654103010M	Category 6 24AWG LSZH Patch Cord Orange 10 mtr patchcord
		1 F	C654103001F	Category 6 24AWG LSZH Patch Cord Orange 1 feet patchcord
		0.5 M	C6541040D5M	Category 6 24AWG LSZH Patch Cord Yellow 0.5 mtr patchcord
		1 M	C654104001M	Category 6 24AWG LSZH Patch Cord Yellow 1 mtr patchcord
		2 M	C654104002M	Category 6 24AWG LSZH Patch Cord Yellow 2 mtr patchcord
	Green	3 M	C654104003M	Category 6 24AWG LSZH Patch Cord Yellow 3 mtr patchcord
		5 M	C654104005M	Category 6 24AWG LSZH Patch Cord Yellow 5 mtr patchcord
		10 M	C654104010M	Category 6 24AWG LSZH Patch Cord Yellow 10 mtr patchcord
		1 F	C654104001F	Category 6 24AWG LSZH Patch Cord Yellow 1 feet patchcord
		0.5 M	C6541050D5M	Category 6 24AWG LSZH Patch Cord Green 0.5 mtr patchcord
		1 M	C654105001M	Category 6 24AWG LSZH Patch Cord Green 1 mtr patchcord
	Blue	2 M	C654105002M	Category 6 24AWG LSZH Patch Cord Green 2 mtr patchcord
		3 M	C654105003M	Category 6 24AWG LSZH Patch Cord Green 3 mtr patchcord
		5 M	C654105005M	Category 6 24AWG LSZH Patch Cord Green 5 mtr patchcord
		10 M	C654105010M	Category 6 24AWG LSZH Patch Cord Green 10 mtr patchcord
		1 F	C654105001F	Category 6 24AWG LSZH Patch Cord Green 1 feet patchcord
		0.5 M	C6541060D5M	Category 6 24AWG LSZH Patch Cord Blue 0.5 mtr patchcord
	Purple	1 M	C654106001M	Category 6 24AWG LSZH Patch Cord Blue 1 mtr patchcord
		2 M	C654106002M	Category 6 24AWG LSZH Patch Cord Blue 2 mtr patchcord
		3 M	C654106003M	Category 6 24AWG LSZH Patch Cord Blue 3 mtr patchcord
		5 M	C654106005M	Category 6 24AWG LSZH Patch Cord Blue 5 mtr patchcord
		10 M	C654106010M	Category 6 24AWG LSZH Patch Cord Blue 10 mtr patchcord
		1 F	C654106001F	Category 6 24AWG LSZH Patch Cord Blue 1 feet patchcord
	Grey	0.5 M	C6541070D5M	Category 6 24AWG LSZH Patch Cord Purple 0.5 mtr patchcord
		1 M	C654107001M	Category 6 24AWG LSZH Patch Cord Purple 1 mtr patchcord
		2 M	C654107002M	Category 6 24AWG LSZH Patch Cord Purple 2 mtr patchcord
		3 M	C654107003M	Category 6 24AWG LSZH Patch Cord Purple 3 mtr patchcord
		5 M	C654107005M	Category 6 24AWG LSZH Patch Cord Purple 5 mtr patchcord
		10 M	C654107010M	Category 6 24AWG LSZH Patch Cord Purple 10 mtr patchcord
	White	1 F	C654107001F	Category 6 24AWG LSZH Patch Cord Purple 1 feet patchcord
		0.5 M	C6541080D5M	Category 6 24AWG LSZH Patch Cord Grey 0.5 mtr patchcord
		1 M	C654108001M	Category 6 24AWG LSZH Patch Cord Grey 1 mtr patchcord
		2 M	C654108002M	Category 6 24AWG LSZH Patch Cord Grey 2 mtr patchcord
		3 M	C654108003M	Category 6 24AWG LSZH Patch Cord Grey 3 mtr patchcord
		5 M	C654108005M	Category 6 24AWG LSZH Patch Cord Grey 5 mtr patchcord
	Black	10 M	C654108010M	Category 6 24AWG LSZH Patch Cord Grey 10 mtr patchcord
		1 F	C654108001F	Category 6 24AWG LSZH Patch Cord Grey 1 feet patchcord
		0.5 M	C6541090D5M	Category 6 24AWG LSZH Patch Cord White 0.5 mtr patchcord
		1 M	C654109001M	Category 6 24AWG LSZH Patch Cord White 1 mtr patchcord
		2 M	C654109002M	Category 6 24AWG LSZH Patch Cord White 2 mtr patchcord
		3 M	C654109003M	Category 6 24AWG LSZH Patch Cord White 3 mtr patchcord
	5 M	C654109005M	Category 6 24AWG LSZH Patch Cord White 5 mtr patchcord	
	10 M	C654109010M	Category 6 24AWG LSZH Patch Cord White 10 mtr patchcord	
	1 F	C654109001F	Category 6 24AWG LSZH Patch Cord White 1 feet patchcord	
	0.5 M	C6541000D5M	Category 6 24AWG LSZH Patch Cord Black 0.5 mtr patchcord	
	1 M	C654100001M	Category 6 24AWG LSZH Patch Cord Black 1 mtr patchcord	
	2 M	C654100002M	Category 6 24AWG LSZH Patch Cord Black 2 mtr patchcord	
	3 M	C654100003M	Category 6 24AWG LSZH Patch Cord Black 3 mtr patchcord	
	5 M	C654100005M	Category 6 24AWG LSZH Patch Cord Black 5 mtr patchcord	
	10 M	C654100010M	Category 6 24AWG LSZH Patch Cord Black 10 mtr patchcord	
	1 F	C654100001F	Category 6 24AWG LSZH Patch Cord Black 1 feet patchcord	

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