



Product: [C6P4xyyzzzz](#)



CAT6, 24 AWG, UTP, LSZH, Stranded Patch Cord, 8MOD-8MOD

Product Description

CAT6, 24 AWG, UTP, LSZH, Stranded Patch Cord, 8MOD-8MOD

Technical Specifications

Physical Characteristics (Overall)

Conductor

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

Outer Jacket

Material
LSZH - Low Smoke Zero Halogen (Flame Retardant)

Packaging:	Individually packaged in a clear plastic bag.
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Connectors

Materials

Description	Material
Plug Housing material	PC - Polycarbonate, UL 94V-2 rated
Contact Blade material	Phosphor bronze plated with 50u" gold over 100u" nickel undercoat

Electrical Characteristics

Dielectric Strength:	1000 VAC
Current Rating:	1.5 A
Insulation Resistance:	100 M-Ohm Minimum
Max Contact Resistance:	20 mOhm

Voltage

Voltage Rating [V]
72 VDC

Temperature Range

Operating Temperature Range:	-10°C to +60°C
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Mechanical Characteristics

Plug / Jack Compatibility:	RJ45
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Termination Interface

Durabilities
750 mating cycles

Standards

ISO/IEC Compliance:	IEC 60603-7, IEC 11801
Data Category:	Category 6
TIA/EIA Compliance:	TIA-568.2-D
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7

Applicable Environmental and Other Programs

EU Directive 2002/95/EC (RoHS):	Yes
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Related Part Numbers

Variants

Item #	Color	Length
C6P4106007F	Blue	7 ft
C6P4106010F	Blue	10 ft
C6P4106002M	Blue	2 m
C6P4106003M	Blue	3 m
C6P4108007F	Gray	7 ft
C6P4108010F	Gray	10 ft
C6P4108002M	Gray	2 m
C6P4108003M	Gray	3 m
C6P4105007F	Green	7 ft
C6P4105010F	Green	10 ft
C6P4105002M	Green	2 m
C6P4105003M	Green	3 m
C6P4119007F	Pink	7 ft
C6P4119010F	Pink	10 ft
C6P4119002M	Pink	2 m
C6P4119003M	Pink	3 m
C6P4102007F	Red	7 ft
C6P4102010F	Red	10 ft
C6P4102002M	Red	2 m
C6P4102003M	Red	3 m
C6P4109007F	White	7 ft
C6P4109010F	White	10 ft
C6P4109002M	White	2 m
C6P4109003M	White	3 m
C6P4104007F	Yellow	7 ft
C6P4104010F	Yellow	10 ft

Product Notes

Notes:	CAT6 Modular Patch Cords are constructed by CAT 6/Class E UTP 4 Pair, 24 AWG cord cable and terminated with RJ45 plugs at both ends, molded boot provides good strain relief performance. Factory terminated and 100% test keep the products quality guaranteed. Both T568A and T568B wire scheme as well as different jacket colors available.
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History

Update and Revision:	Revision Number: 0.8 Revision Date: 03-18-2024
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