



Product: [C6D4ZxyyyzzzM](#)



CAT6 28AWG Small diameter Copper Patch Cord, UTP, LSZH

Product Description

CAT6 28AWG Small diameter Copper Patch Cord, UTP, LSZH

Technical Specifications

Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category6 & 5e applications, such as: 10Base-T, 100Base-TX and 1000Base-T.
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Physical Characteristics (Overall)

Conductor

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

Insulation

Material
PE - Polyethylene

Outer Jacket

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	3.8 mm

Wiring Scheme:	T568A/B-T568A/B
Packaging:	Individually packaged in a clear plastic bag.

Connectors

Materials

Description	Material	Type
Plug	Unshielded Polycarbonate	RJ45
Boot	Polycarbonate	Snagless
Front Connection	Phosphor bronze plated with 1.27µm gold over 2.54µm nickel undercoat	Blades

Electrical Characteristics

Conductor DCR

Max. Conductor DCR
236 Ohm/km

Dielectric Strength:	750 V AC (RMS)
Current Rating:	1.5 A
Insulation Resistance:	5 G ohm*km
Rated Voltage:	30 V DC

Temperature Range

Installation Temperature Range:	0°C To +75°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
TIA/EIA Compliance:	TIA-568.2-D

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
C6D4Z1100D5M	Black	0.5 m
C6D4Z110001M	Black	1 m
C6D4Z110002M	Black	2 m
C6D4Z110003M	Black	3 m
C6D4Z110005M	Black	5 m
C6D4Z1060D5M	Blue	0.5 m
C6D4Z106001M	Blue	1 m
C6D4Z106002M	Blue	2 m
C6D4Z106003M	Blue	3 m
C6D4Z106005M	Blue	5 m
C6D4Z1010D5M	Brown	0.5 m
C6D4Z101001M	Brown	1 m
C6D4Z101002M	Brown	2 m
C6D4Z101003M	Brown	3 m
C6D4Z101005M	Brown	5 m
C6D4Z1050D5M	Green	0.5 m
C6D4Z105001M	Green	1 m
C6D4Z105002M	Green	2 m
C6D4Z105003M	Green	3 m
C6D4Z105005M	Green	5 m
C6D4Z1080D5M	Grey	0.5 m
C6D4Z108001M	Grey	1 m
C6D4Z108002M	Grey	2 m
C6D4Z108003M	Grey	3 m
C6D4Z108005M	Grey	5 m
C6D4Z1030D5M	Orange	0.5 m
C6D4Z103001M	Orange	1 m
C6D4Z103002M	Orange	2 m
C6D4Z103003M	Orange	3 m
C6D4Z103005M	Orange	5 m
C6D4Z1070D5M	Purple	0.5 m
C6D4Z107001M	Purple	1 m
C6D4Z107002M	Purple	2 m
C6D4Z107003M	Purple	3 m
C6D4Z107005M	Purple	5 m
C6D4Z1020D5M	Red	0.5 m

C6D4Z102001M	Red	1 m
C6D4Z102002M	Red	2 m
C6D4Z102003M	Red	3 m
C6D4Z102005M	Red	5 m
C6D4Z1090D5M	White	0.5 m
C6D4Z109001M	White	1 m
C6D4Z109002M	White	2 m
C6D4Z109003M	White	3 m
C6D4Z109005M	White	5 m
C6D4Z1040D5M	Yellow	0.5 m
C6D4Z104001M	Yellow	1 m
C6D4Z104002M	Yellow	2 m
C6D4Z104003M	Yellow	3 m
C6D4Z104005M	Yellow	5 m

History

Update and Revision:	Revision Number: 0.14 Revision Date: 07-03-2023
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