



Product: [C6D4ZxyyzzzM](#)



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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