Product: CAD9ZxyyzzzM



CAT6A 28AWG Small diameter Unshielded Copper Patch Cord, UTP, PVC

Product Description

CAT6A 28AWG Small diameter Unshielded Copper Patch Cord, UTP, PVC

Technical Specifications

Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category 6A, 10GX, Category6A & 5e applications, such as: 10Base-T, 100Base-TX, 1000Base-T and 10G-Base-T

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
PVC - Polyvinyl Chloride	4.8 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 +50°C
Operating Temperature Range:	-20°C To +75°C

Mechanical Characteristics

Plug /Jack Compatibility:	RJ45

Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

Standards

ISO/IEC Compliance:	ISO/IEC 11801-1
Data Category:	Category 6A
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

Related Part Numbers

Related Parts:	CAT6A Modular Jacks, CAT6A Patch Panels

Variants

Item #	Color	Length
CAD9Z1100D5M	Black	0.5 m
CAD9Z110001M	Black	1 m
CAD9Z110002M	Black	2 m
CAD9Z110003M	Black	3 m
CAD9Z110005M	Black	5 m
CAD9Z1060D5M	Blue	0.5 m
CAD9Z106001M	Blue	1 m
CAD9Z106002M	Blue	2 m
CAD9Z106003M	Blue	3 m
CAD9Z106005M	Blue	5 m
CAD9Z1010D5M	Brown	0.5 m
CAD9Z101001M	Brown	1 m
CAD9Z101002M	Brown	2 m
CAD9Z101003M	Brown	3 m
CAD9Z101005M	Brown	5 m
CAD9Z1050D5M	Green	0.5 m
CAD9Z105001M	Green	1 m
CAD9Z105002M	Green	2 m
CAD9Z105003M	Green	3 m
CAD9Z105005M	Green	5 m
CAD9Z1080D5M	Grey	0.5 m
CAD9Z108001M	Grey	1 m
CAD9Z108002M	Grey	2 m
CAD9Z108003M	Grey	3 m
CAD9Z108005M	Grey	5 m
CAD9Z103001M	Orange	1 m
CAD9Z103002M	Orange	2 m
CAD9Z103003M	Orange	3 m
CAD9Z103005M	Orange	5 m
CAD9Z1070D5M	Purple	0.5 m
CAD9Z107001M	Purple	1 m
CAD9Z107002M	Purple	2 m
CAD9Z107003M	Purple	3 m
CAD9Z107005M	Purple	5 m
CAD9Z1030D5M	Red	0.5 m
CAD9Z102001M	Red	1 m

CAD9Z102002M	Red	2 m
CAD9Z102003M	Red	3 m
CAD9Z102005M	Red	5 m
CAD9Z1090D5M	White	0.5 m
CAD9Z109001M	White	1 m
CAD9Z109002M	White	2 m
CAD9Z109003M	White	3 m
CAD9Z109005M	White	5 m
CAD9Z1040D5M	Yellow	0.5 m
CAD9Z104001M	Yellow	1 m
CAD9Z104002M	Yellow	2 m
CAD9Z104003M	Yellow	3 m
CAD9Z104005M	Yellow	5 m

History

Update and Revision:	Revision Number: 0.16 Revision Date: 07-03-2023

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