Product: CAD4Z1031D5M

CAT6A 28AWG UTP LSZH Stranded Patch Cord, Orange, 1.5 Meter

Product Description

CAT6A 28AWG UTP LSZH Stranded Patch Cord, Orange, 1.5 Meter

Technical Specifications

Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category 6A, 10GX, Category6 & 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
LSZH - Low Smoke Zero Halogen (Flame Retardant)	4.8 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

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 Max.

Impedance

Nominal Characteristic Impedance
100 Ohm

Temperature Range

Installation Temperature Range:	0°C To +50°C
Operating Temperature Range:	-20°C To +75°C

Mechanical Characteristics

Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

Standards

ISO/IEC Compliance:	ISO/IEC 11801-1
Data Category:	Category 6A
ANSI Compliance:	ANSI/TIA/EIA-568-C.2

Applicable Environmental and Other Programs

Environmental Space:	Indoor

Related Part Numbers

Related Parts:	CAT6A Modular Jacks, CAT6A Patch panels

History

Update and Revision:	Revision Number: 0.12 Revision Date: 09-25-2023

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