884063614/10 | CS24Z3 BLU C5E 4/24 U/UTP CPK 305M
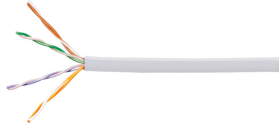
CS24Z3 Category 5e U/UTP Cable, low smoke zero halogen, blue jacket, 4 pair count, 1000 ft (305 m) length, CommPak® box

Product Classification

Regional Availability	EMEA
Portfolio	NETCONNECT®
Product Type	Twisted pair cable

General Specifications

ANSI/TIA Category	5e
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	White
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D	CENELEC EN 50288-3-1	ISO/IEC 11801 Class D

Dimensions

Cable Length	304.8 m	1000 ft
Diameter Over Jacket, nominal	5.207 mm	0.205 in
Jacket Thickness	0.533 mm	0.021 in
Conductor Gauge, singles	24 AWG

Cross Section Drawing

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Electrical Specifications

dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m	2.859 ohms/100 ft
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	69 %
Operating Frequency, maximum	200 MHz
Operating Voltage, maximum	80 V
Remote Powering	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A
Segregation Class	b

Material Specifications

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Pulling Tension, maximum	11.34 kg	25 lb

Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

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Acid Gas Test Method	IEC 60754-2
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3-22
Smoke Test Method	IEC 61034-2

Packaging and Weights

Cable weight	29.763 kg/km	20 lb/kft
Packaging Type	CommPak® box

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