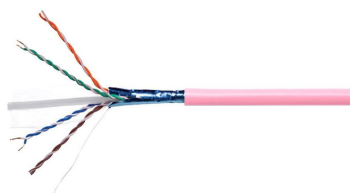


1-1859218-0 | CS44Z1 PNK C6A 4/23 F/UTP RL 305M



CS44Z1 Cable, category 6A, 4 pair, F/UTP, LSZH, 23 AWG, 1000 ft, light pink

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America
Portfolio	NETCONNECT®
Product Type	Twisted pair cable
Product Series	640 Series

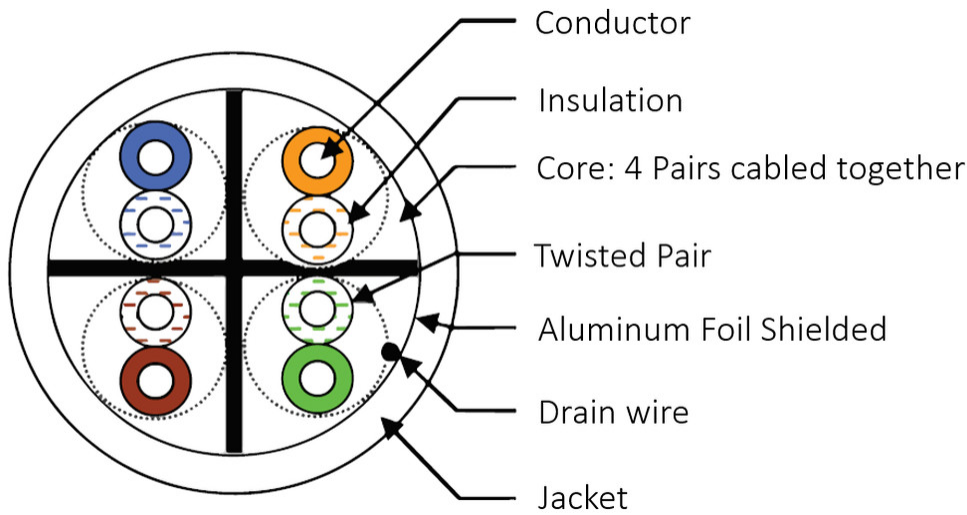
General Specifications

ANSI/TIA Category	6A
Cable Component Type	Horizontal
Cable Type	F/UTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Pink
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-6-1 ISO/IEC 11801 Class EA

Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Jacket, nominal	7.188 mm 0.283 in
Conductor Gauge, singles	23 AWG

Cross Section Drawing



Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance, maximum	7.8 ohms/100 m 2.377 ohms/100 ft
Delay Skew, maximum	45 ns
Mutual Capacitance at Frequency	5.6 nF/100 m @ 500 MHz
Nominal Velocity of Propagation (NVP)	69 %
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

Material Specifications

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Shield (Tape) Material	Aluminum/Polyester

Environmental Specifications

Operating Temperature	-20 °C to +75 °C (-4 °F to +167 °F)
Acid Gas Test Method	IEC 60754-2

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Temperature Rating, UL 75 °C | 167 °F

Flame Test Method IEC 60332-1

Smoke Test Method IEC 61034-2

Packaging and Weights

Cable weight 60.107 kg/km | 40.39 lb/kft

Packaging Type Reel

Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS

Compliant

UK-ROHS

Compliant

