

CS44Z1 Cable, category 6A, 4 pair, F/UTP, LSZH, 23 AWG, 305 m reel, violet

Product Classification

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

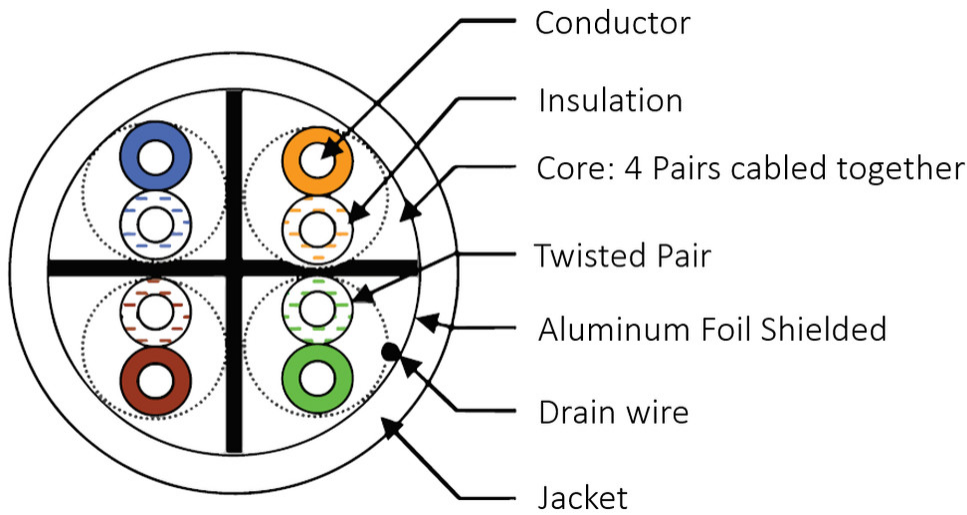
General Specifications

ANSI/TIA Category	6A
Cable Component Type	Horizontal
Cable Type	F/UTP (shielded)
Conductor Type, singles	Solid
Jacket Color	Violet
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 Insulated Conductor	1.14 mm 0.045 in
Conductor Gauge, singles	23 AWG

Cross Section Drawing



Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance, maximum	6.66 ohms/100 m 2.03 ohms/100 ft
Delay Skew, maximum	45 ns
Mutual Capacitance at Frequency	5.6 nF/100 m @ 500 MHz
Nominal Velocity of Propagation (NVP)	64 %
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	c

Material Specifications

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

Environmental Specifications

Acid Gas Test Method	IEC 60754-2
EN50575 CPR Cable EuroClass Fire Performance	No Rating

1859218-9 | CS44Z1 VLT C6A 4/23 F/UTP RL 305M

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

CHINA-ROHS

REACH-SVHC

ROHS

Classification

Below maximum concentration value

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

Compliant

