



640 Series Copper Cable, category 6A, 4 pair, F/UTP, LSZH, 23 AWG, 500 m reel, white

OBSOLETE

This product was discontinued on: **March 18, 2019**

Replaced By

884024558/16

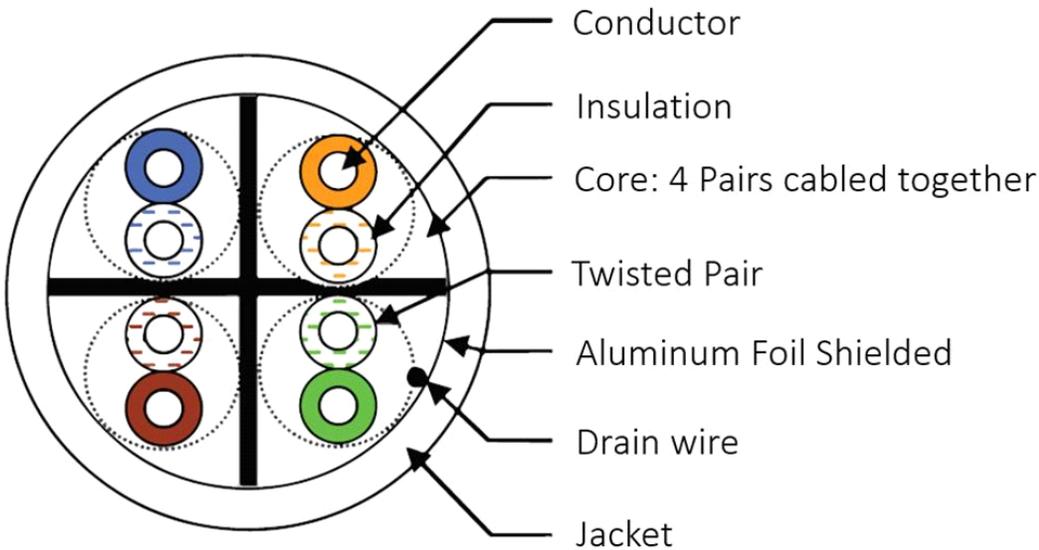
CS44Z1 Category 6A, F/UTP Cable, low smoke zero halogen, white jacket, 4 pair count,

CS44Z1 WHT C6A 4/23 F/UTP RL 500M 1640 ft (500 m) length reel

Product Classification

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

Cross Section Drawing



Construction Materials

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

Shield (Tape) Material Aluminum/Polyester

Dimensions

Cable Length 500 m | 1640 ft
Cable Weight 60.10 kg/km
Diameter Over Jacket, nominal 7.200 mm | 0.283 in

Electrical Specifications

ANSI/TIA Category 6A
Characteristic Impedance 100 ohm
Characteristic Impedance Tolerance ±15 ohm
dc Resistance, maximum 66.58 ohms/km
Delay Skew, maximum 45 ns
Mutual Capacitance 5.6 nF/100 m @ 500 MHz
Nominal Velocity of Propagation (NVP) 64 %
Operating Voltage, maximum 80 V
Transmission Standards ANSI/TIA-568-C.2 | CENELEC EN 50288-6-1 | ISO/IEC 11801 Class EA

Environmental Specifications

Smoke Test Method IEC 61034-2
Acid Gas Test Method IEC 60754-2
Flame Test Method IEC 60332-1
Operating Temperature -20 °C to +60 °C (-4 °F to +140 °F)
Safety Standard ETL | UL

General Specifications

Cable Type F/UTP (shielded)
Packaging Type Reel
Pairs, quantity 4
Cable Component Type Horizontal
Jacket Color White
Product Number 640Z
Conductor Gauge, singles 23 AWG
Conductor Type, singles Solid
Conductors, quantity 8

Mechanical Specifications

Minimum Bend Radius, multiple bends 28.80 mm | 1.13 in

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

Classification

Compliant

