



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

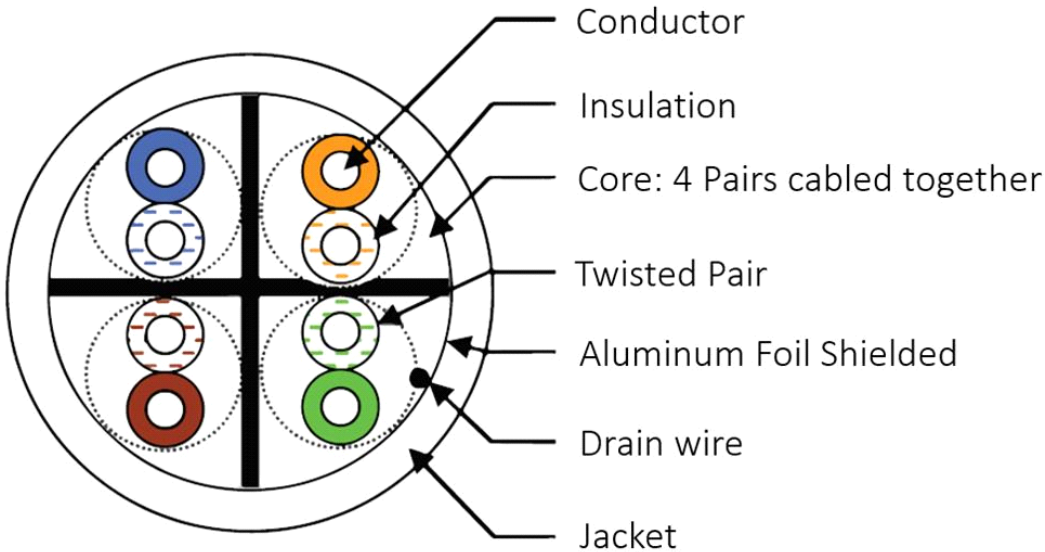
CS44Z1 Category 6A, F/UTP Cable, low smoke zero halogen, white jacket, 4 pair count,

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

### Product Classification

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

### Cross Section Drawing



### Construction Materials

<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)
<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	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 at Frequency** 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)

## 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

