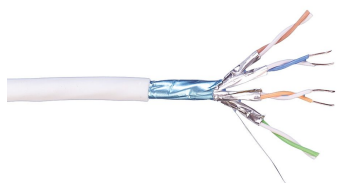


# 1711163-1 | CS54Z3 WHT C7 4/23 F/FTP RL 500M



CS54Z3 Category 7 F/FTP Cable, low smoke zero halogen, white jacket, 4 pair count, 1640 ft (500 m) length, reel

## Product Classification

<b>Regional Availability</b>	Australia/New Zealand   EMEA
<b>Portfolio</b>	NETCONNECT®
<b>Product Type</b>	Twisted pair cable

## General Specifications

<b>ANSI/TIA Category</b>	7
<b>Cable Component Type</b>	Horizontal
<b>Cable Type</b>	F/FTP (shielded)
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Jacket Color</b>	White
<b>Pairs, quantity</b>	4
<b>Transmission Standards</b>	ANSI/TIA-568.2-D   CENELEC EN 50288-4-1   ISO/IEC 11801 Class F

## Dimensions

<b>Cable Length</b>	500 m   1,640.42 ft
<b>Diameter Over Conductor</b>	1.501 mm   0.059 in
<b>Diameter Over Jacket, nominal</b>	7.112 mm   0.28 in
<b>Conductor Gauge, singles</b>	23 AWG

## Electrical Specifications

<b>Characteristic Impedance</b>	100 ohm
<b>Characteristic Impedance Tolerance</b>	±15 ohm
<b>Coupling Attenuation</b>	Type Ib

Nominal Velocity of Propagation (NVP)	78 %
Operating Voltage, maximum	80 V
Segregation Class	d
Transfer Impedance	Grade 2

Material Specifications

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

Mechanical Specifications

Minimum Bend Radius, multiple Bends	29.6 mm   1.165 in
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Environmental Specifications

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a1

Packaging and Weights

Cable weight	51.996 kg/km   34.94 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

