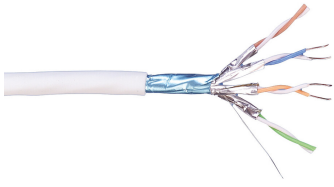


# 1711163-1 | CS54Z3 WHT C7 4/23 F/FTP RL 500M



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   Latin America
<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>	CENELEC EN 50288-4-1   IEC 61156-5 Cat 7   ISO/IEC 11801 Class F

## Dimensions

<b>Cable Length</b>	500 m   1,640.42 ft
<b>Diameter Over Insulated Conductor</b>	1.501 mm   0.059 in
<b>Diameter Over Jacket, nominal</b>	7.399 mm   0.291 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 1b
<b>dc Resistance, maximum</b>	9.38 ohms/100 m   2.859 ohms/100 ft
<b>Nominal Velocity of Propagation (NVP)</b>	78 %
<b>Operating Frequency, maximum</b>	600 MHz

<b>Operating Voltage, maximum</b>	80 V
<b>Segregation Class</b>	d
<b>Transfer Impedance</b>	Grade 2

## Material Specifications

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

## Mechanical Specifications

<b>Minimum Bend Radius, multiple Bends</b>	29.6 mm   1.165 in
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +50 °C (+32 °F to +122 °F)
<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Dca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s2
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d2
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Flame Test Method</b>	IEC 60332-3

## Packaging and Weights

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

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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
UK-ROHS	Compliant

