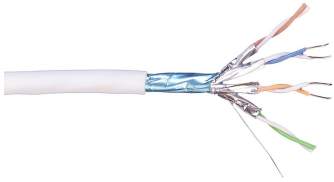


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CS54ZB1 Category 7 F/FTP Cable, low smoke zero halogen, white jacket, 4 pair count, 1000 ft (305 m) length, reel

Product Classification

Regional Availability	China
Portfolio	NETCONNECT®
Product Type	Twisted pair cable

General Specifications

ANSI/TIA Category	7
Cable Component Type	Horizontal
Cable Type	F/FTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	White
Pairs, quantity	4
Transmission Standards	CENELEC EN 50288-4-1 IEC 61156-5 Cat 7 ISO/IEC 11801 Class F

Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Insulated Conductor	1.3 mm 0.051 in
Diameter Over Jacket, nominal	7.399 mm 0.291 in
Conductor Gauge, singles	23 AWG

Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance, maximum	9.38 ohms/100 m 2.859 ohms/100 ft

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Nominal Velocity of Propagation (NVP)	74 %
Operating Frequency, maximum	600 MHz
Operating Voltage, maximum	80 V

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	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Acid Gas Test Method	IEC 60754-2
GB 31247 Cable China Class Fire Performance	B1
GB 31247 Cable China Class Smoke Toxicity Rating	t0
GB 31247 Cable China Class Droplets Rating	d0
GB 31247 Cable China Class Acidity/Corrosion Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3
Smoke Test Method	IEC 61034-2

Packaging and Weights

Cable weight	55.642 kg/km 37.39 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 www.commscope.com/ProductCompliance
ROHS	Compliant

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UK-ROHS

Compliant

