# 1427070-6 | CS30Z1 BLU C6 4/24 U/UTP RIB 305M



Category 6 U/UTP Cable, 24AWG, low smoke zero halogen, blue jacket, 4 pair count, 305 m length Reel in box

#### Product Classification

Regional Availability Asia   Latin Ame		
Portfolio	NETCONNECT®	
Product Type	Twisted pair cable	
General Specifications		
Product Number	CS30Z1	
ANSI/TIA Category	6	
Cable Component Type	Horizontal	
Cable Type	U/UTP (unshielded)	
Conductor Type, singles	Solid	
Conductors, quantity	8	
Jacket Color	Blue	
Pairs, quantity	4	
Separator Type Isolator		
Transmission Standards	ANSI/TIA-568.2-D	
Dimensions		
Cable Length	304.8 m   1000 ft	
Diameter Over Insulated Conductor	0.978 mm   0.038 in	
Diameter Over Jacket, nominal	5.588 mm   0.22 in	

### Cross Section Drawing

**Conductor Gauge, singles** 

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24 AWG



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Jacket	
Pair Insulation ———	
Isolator —	
Conductor	

### **Electrical Specifications**

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
Operating Voltage, maximum	80 V
Remote Powering	Fully complies

Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

### Material Specifications

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

#### **Environmental Specifications**

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Acid Gas Test Method	IEC 60754-2
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-1
Smoke Test Method	IEC 61034-2

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### Packaging and Weights

#### Packaging Type

Reel in box

#### Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



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