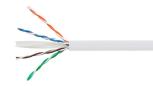
1427071-2 | CS30CM WHT C6 4/24 U/UTP RIB 305M



Copper Cable, category 6, 4 pair, UTP, CM rated, 24 AWG, 305 m reel in box, white

Product Classification

Regional Availability

Asia | EMEA | Latin America

Portfolio NETCONNECT®

Product Type Twisted pair cable

General Specifications

Product Number CS30CM

ANSI/TIA Category 6

Cable Component Type Horizontal

Cable Type U/UTP (unshielded)

Conductor Type, singles Solid
Conductors, quantity 8

Jacket Color White
Pairs, quantity 4

Transmission Standards ANSI/TIA-568.2-D | CENELEC EN 50288-6-1 | ISO/IEC 11801 Class E

Dimensions

Cable Length 304.8 m | 1000 ft

Diameter Over Insulated Conductor0.909 mm0.036 inDiameter Over Jacket, nominal5.588 mm0.22 in

Conductor Gauge, singles 24 AWG

Electrical Specifications

Characteristic Impedance 100 ohm

dc Resistance Unbalance, maximum $5~\%$

dc Resistance, maximum 9.38 ohms/100 m | 2.859 ohms/100 ft

Delay Skew, maximum 45 ns

Dielectric Strength, minimum1500 Vac | 2500 VdcMutual Capacitance at Frequency5.6 nF/100 m @ 1 kHz

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Nominal Velocity of Propagation (NVP) 68 %

Operating Frequency, maximum 250 MHz Operating Voltage, maximum 80 V

Propagation Delay, maximum 536 ns/100m @250MHz

Remote Powering 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

Segregation Class

Material Specifications

Conductor MaterialBare copperInsulation MaterialPolyolefinJacket MaterialPVC

Mechanical Specifications

Minimum Bend Radius Note 4 times the outer cable diameter

Environmental Specifications

Installation temperature0 °C to +60 °C (-32 °F to +140 °F)Operating Temperature-20 °C to +60 °C (-4 °F to +140 °F)Storage Temperature-20 °C to +80 °C (-4 °F to +176 °F)

Environmental Space Non-plenum

Flame Test Method CM

Packaging and Weights

Packaging Type Reel in box

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



