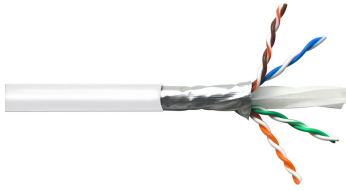


884064854/16 | CS41ZC WHT C6A 4/24 U/UTP RL 500M



CS41ZC, ETL Verified Category 6A U/UTP Cable, low smoke zero halogen, white jacket, 4 pair count, 1640 ft (500 m) length reel (EMEA)

Product Classification

Regional Availability	EMEA
Portfolio	NETCONNECT®
Product Type	Twisted pair cable

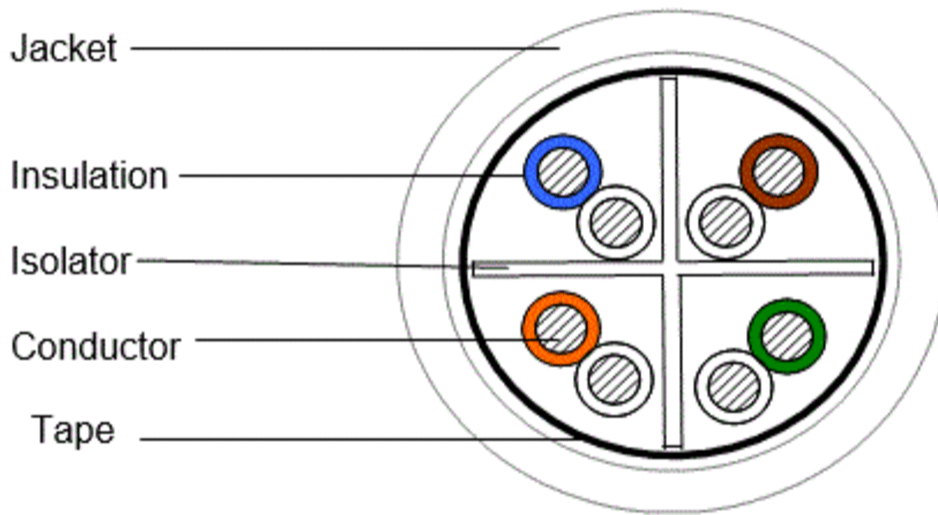
General Specifications

Product Number	CS41ZC
ANSI/TIA Category	6A
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	White
Pairs, quantity	4
Separator Type	Isolator
Transmission Standards	ANSI/TIA-568-C.2 IEC 61156-5

Dimensions

Cable Length	1640 ft 304.8 m
Diameter Over Jacket, nominal	0.275 in 6.985 mm
Jacket Thickness	0.02 in 0.508 mm
Conductor Gauge, singles	24 AWG

Cross Section Drawing



Electrical Specifications

dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	8 ohms/100 m 2.438 ohms/100 ft
Delay Skew, maximum	45 ns
Dielectric Strength, minimum	1500 Vac 2500 Vdc
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	68 %
Operating Frequency, maximum	500 MHz
Operating Voltage, maximum	80 V
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

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Safety Voltage Rating 300 V

Material Specifications

Conductor Material Bare copper
Insulation Material Polyolefin
Jacket Material Low Smoke Fire Retardant Zero Halogen (LSFRZH)
Separator Material Polyolefin
Tape Material Poly/Aluminum/Poly

Mechanical Specifications

Pulling Tension, maximum 25 lb | 11.34 kg

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 EN 50399 | IEC 60332-3-22
Smoke Test Method IEC 61034-2

Packaging and Weights

Cable weight 29.87 lb/kft | 4.13 kg/km
Packaging Type Reel

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

