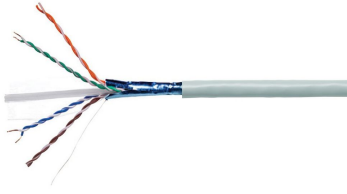


884028608/10 | CS44Z1 GRY C6A 4/23 F/UTP RL 305M (APAC/EMEA/NAR)



CS44Z1 Category 6A, F/UTP Cable, low smoke zero halogen, gray jacket, 4 pair count, 1000 ft (305 m) length reel

Product Classification

| | |
|------------------------------|--------------------|
| Regional Availability | Asia |
| Portfolio | NETCONNECT® |
| Product Type | Twisted pair cable |

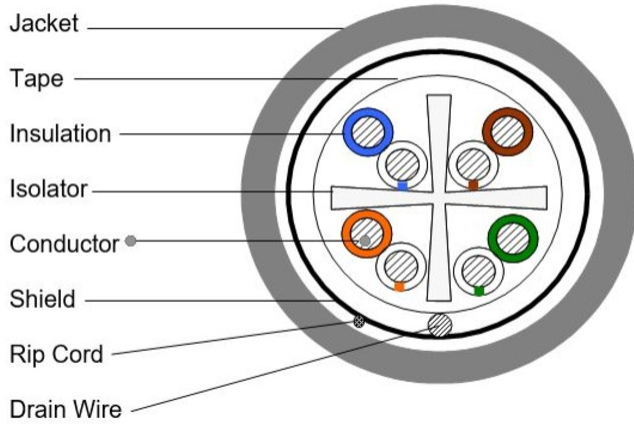
General Specifications

| | |
|--------------------------------|---|
| Product Number | CS44Z1 |
| ANSI/TIA Category | 6A |
| Cable Component Type | Horizontal |
| Cable Type | F/UTP (shielded) |
| Conductor Type, singles | Solid |
| Conductors, quantity | 8 |
| Drain Wire Type | Solid |
| Jacket Color | Gray |
| Pairs, quantity | 4 |
| Separator Type | Isolator |
| Transmission Standards | ANSI/TIA-568.2-D ISO/IEC 11801 Class EA |

Dimensions

| | |
|--|---------------------|
| Cable Length | 304.8 m 1000 ft |
| Diameter Over Insulated Conductor | 1.14 mm 0.045 in |
| Diameter Over Jacket, nominal | 7.188 mm 0.283 in |
| Conductor Gauge, singles | 23 AWG |
| Drain Wire Gauge | 26 AWG |

Cross Section Drawing



Electrical Specifications

| | |
|--|---|
| Characteristic Impedance | 100 ohm |
| Characteristic Impedance Tolerance | ±15 ohm |
| dc Resistance, maximum | 6.66 ohms/100 m 2.03 ohms/100 ft |
| Delay Skew, maximum | 45 ns |
| Dielectric Strength, minimum | 1500 Vac 2500 Vdc |
| Mutual Capacitance at Frequency | 5.6 nF/100 m @ 500 MHz |
| Nominal Velocity of Propagation (NVP) | 64 % |
| 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 |
| Segregation Class | c |

Material Specifications

| | |
|-------------------------------|-------------------------------|
| Conductor Material | Bare copper |
| Insulation Material | Polyolefin |
| Jacket Material | Low Smoke Zero Halogen (LSZH) |
| Shield (Tape) Material | Aluminum/Polyester |

Mechanical Specifications

| | |
|---------------------------------|------------------|
| Pulling Tension, maximum | 11.34 kg 25 lb |
|---------------------------------|------------------|

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 |
| EN50575 CPR Cable EuroClass Fire Performance | No Rating |
| Environmental Space | Low Smoke Zero Halogen (LSZH) |
| Flame Test Method | IEC 60332-1 |
| Smoke Test Method | IEC 61034-2 |

Packaging and Weights

| | |
|-----------------------|------|
| Packaging Type | Reel |
|-----------------------|------|

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 |

