

CS44CM Category 6A, F/UTP Cable, non-plenum, blue jacket, 4 pair count, 1000 ft (305 m) length reel

## Product Classification

|                              |                             |
|------------------------------|-----------------------------|
| <b>Regional Availability</b> | Asia   EMEA   Latin America |
| <b>Portfolio</b>             | NETCONNECT®                 |
| <b>Product Type</b>          | Twisted pair cable          |

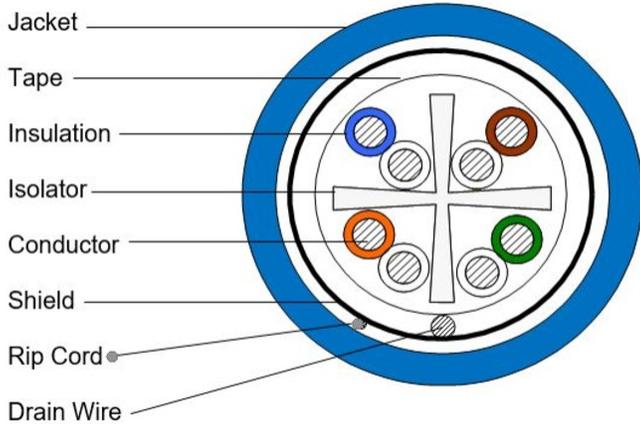
## General Specifications

|                                |   |
|--------------------------------|---|
| <b>Product Number</b>          | CS44CM                                    |
| <b>ANSI/TIA Category</b>       | 6A  |
| <b>Cable Component Type</b>    | Horizontal                                |
| <b>Cable Type</b>              | F/UTP (shielded)                          |
| <b>Conductor Type, singles</b> | Solid                                     |
| <b>Conductors, quantity</b>    | 8   |
| <b>Drain Wire Type</b>         | Solid                                     |
| <b>Jacket Color</b>            | Blue                                      |
| <b>Pairs, quantity</b>         | 4   |
| <b>Separator Type</b>          | Isolator                                  |
| <b>Transmission Standards</b>  | ANSI/TIA-568.2-D   ISO/IEC 11801 Class EA |

## Dimensions

|                                      |                     |
|--------------------------------------|---------------------|
| <b>Cable Length</b>                  | 304.8 m   1000 ft   |
| <b>Diameter Over Jacket, nominal</b> | 7.188 mm   0.283 in |
| <b>Conductor Gauge, singles</b>      | 23 AWG              |
| <b>Drain Wire Gauge</b>              | 26 AWG              |

## Cross Section Drawing



## Electrical Specifications

|  |   |
|--|---|
| <b>Dielectric Strength, minimum</b>          | 1500 Vac   2500 Vdc   |
| <b>Nominal Velocity of Propagation (NVP)</b> | 64 %  |
| <b>Operating Voltage, maximum</b>            | 80 V  |
| <b>Remote Powering</b>                       | 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

|                               |                    |
|-------------------------------|--------------------|
| <b>Conductor Material</b>     | Bare copper        |
| <b>Insulation Material</b>    | Polyolefin         |
| <b>Jacket Material</b>        | PVC                |
| <b>Shield (Tape) Material</b> | Aluminum/Polyester |

## Mechanical Specifications

|                                 |                  |
|---------------------------------|------------------|
| <b>Pulling Tension, maximum</b> | 11.34 kg   25 lb |
|---------------------------------|------------------|

## Environmental Specifications

|                                 |                                     |
|---------------------------------|-------------------------------------|
| <b>Installation temperature</b> | 0 °C to +60 °C (+32 °F to +140 °F)  |
| <b>Operating Temperature</b>    | -20 °C to +60 °C (-4 °F to +140 °F) |
| <b>Environmental Space</b>      | Non-plenum                          |
| <b>Flame Test Method</b>        | CM                                  |

## Packaging and Weights

**Packaging Type**

Reel

Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |

