



Product: [YE00335](#)

TELCO 4 PAIR 26AWG SF/UTP LSZH

Product Description

TELCO 4 PAIR 26AWG/0.14mm² SF/UTP LSZH

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | For use as intra- or inter-rack cabling for telecommunication systems; For indoor use only |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | Nominal Diameter | No. of Pairs |
|-----|-----------|--------------------|------------------|--------------|
| 26 | Solid | TC - Tinned Copper | 0.4 mm | 4 |

| | |
|------------------------|---|
| Conductor Count: | 8 |
| Total Number of Pairs: | 4 |

Insulation

| Type | Material | Nominal Diameter | Diameter +/- Tolerance |
|------------|-------------------|------------------|------------------------|
| Dielectric | PE - Polyethylene | 0.84 mm | 0.05 mm |

Color Chart

| Number | Color |
|--------|----------------|
| Pair 1 | White & Brown |
| Pair 2 | Green & Yellow |
| Pair 3 | Grey & Pink |
| Pair 4 | Blue & Red |

Outer Shield Material

| Type | Layer | Material | Min. Overlap | Drainwire Material | Drainwire Diameter | Min. Coverage [%] |
|-------|-------|-------------------------|--------------|--------------------|--------------------|-------------------|
| Tape | 1 | Bi-Laminate (Alum+Poly) | 3 mm | | | |
| Braid | 2 | Tinned Copper (TC) | | TC - Tinned Copper | 0.4 mm | 90% |

Outer Jacket Material

| Material | Nominal Diameter | Diameter +/- Tolerance |
|---|------------------|------------------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 5.4 mm | 0.3 mm |

Construction and Dimensions

Cabling

| Description | |
|--|-------|
| 4 pairs twisted together covered with a polyester foil | |
| Min Elongation at Breakof Jacket: | 100 % |
| Min Tensile Strength of Jacket: | 9 MPa |

Electrical Characteristics

Conductor DCR

Max. Conductor DCR

151 Ohm/km

Capacitance

Max. Mutual Capacitance

65 pF/m

Impedance

Nominal Characteristic Impedance

100 Ohm

Delay

Nominal Delay

480 ns/100m

High Freq

Frequency [MHz] | Min. NEXT [dB]

0.15 MHz | 50 dB

Temperature Range

| | |
|-----------------------|----------------|
| Storage Temp Range: | -40°C to +70°C |
| Operating Temp Range: | -20°C To +70°C |

Mechanical Characteristics

| | |
|---|-------|
| Min Bend Radius (W/o Pulling Strength): | 54 mm |
| Min Setting Radius: | 27 mm |

Standards

| | |
|----------------|--------------|
| CPR Euroclass: | Dca-s1,d1,a1 |
|----------------|--------------|

Applicable Environmental and Other Programs

| | |
|---------------------------------------|------------------------|
| Environmental Space: | Indoor - Euroclass Dca |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-01-01 |

Flammability, LS0H, Toxicity Testing

| | |
|---|---------------|
| IEC Flammability: | IEC 60332-1-2 |
| IEC 60754-1 (EN50267-1)- Halogen Amount: | Zero |
| IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Max. Conductivity: | 2.5 µS/mm |
| IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Min. pH: | 4.3 |

Part Number

Variants

| Item # | Color | Putup Type | Length | EAN |
|---------------|-------|------------|--------|---------------|
| YE00335.00500 | Gray | Reel | 500 m | 8719605111975 |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.143 Revision Date: 06-24-2020 |
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