



Fiber indoor/outdoor cable, loose tube gel-filled CST, 36 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color

Product Classification

|                       |                              |
|-----------------------|------------------------------|
| Regional Availability | Asia   Australia/New Zealand |
| Portfolio             | CommScope®                   |
| Product Type          | Fiber indoor/outdoor cable   |
| Product Series        | C-LA                         |

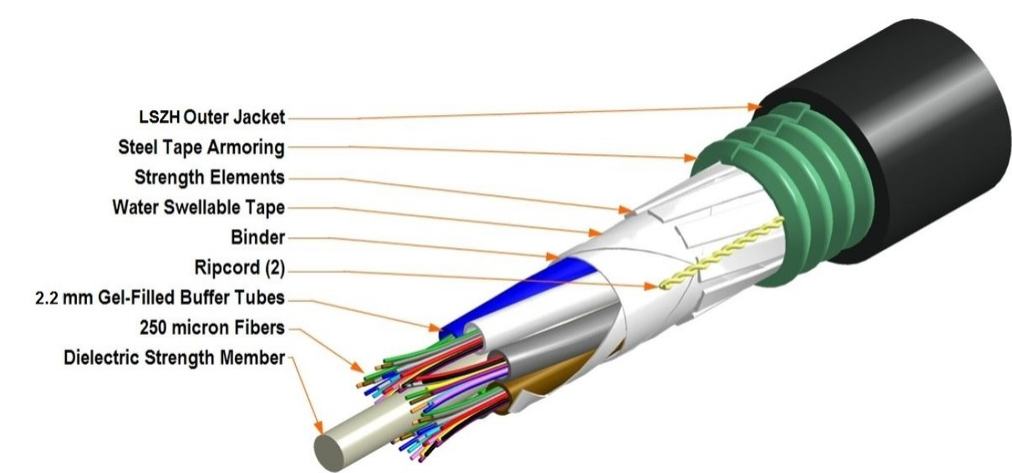
General Specifications

|                              |                     |
|------------------------------|---------------------|
| Cable Type                   | Stranded loose tube |
| Construction Type            | Armored             |
| Subunit Type                 | Gel-filled          |
| Jacket Color                 | Black               |
| Jacket Marking               | Meters              |
| Fibers per Subunit, quantity | 12                  |
| Total Fiber Count            | 36                  |

Dimensions

|                              |                    |
|------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 2.2 mm   0.087 in  |
| Diameter Over Jacket         | 12.3 mm   0.484 in |

Representative Image



Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 246 mm   9.685 in                     |
| Minimum Bend Radius, unloaded     | 123 mm   4.843 in                     |
| Tensile Load, short term, maximum | 2000 N   449.618 lbf                  |
| Compression                       | 15 N/mm   85.652 lb/in                |
| Compression Test Method           | IEC 60794-1-2 E3                      |
| Strain                            | See long and short term tensile loads |
| Strain Test Method                | IEC 60794-1-21 E1                     |

Optical Specifications

|            |                            |
|------------|----------------------------|
| Fiber Type | G.652.D and G.657.A1   OS2 |
|------------|----------------------------|

Optical Specifications, Wavelength Specific

|                      |   |
|----------------------|---|
| Attenuation, maximum | 0.22 dB/km @ 1,550 nm   0.36 dB/km @ 1,310 nm |
|----------------------|---|

Environmental Specifications

|                               |  |
|-------------------------------|--|
| Installation temperature      | -10 °C to +50 °C (+14 °F to +122 °F)                             |
| Operating Temperature         | -30 °C to +70 °C (-22 °F to +158 °F)                             |
| Storage Temperature           | -40 °C to +70 °C (-40 °F to +158 °F)                             |
| Environmental Space           | Buried   Ducted   Indoor/Outdoor   Low Smoke Zero Halogen (LSZH) |
| Flame Test Method             | IEC 60332-1   IEC 60332-3-24   IEC 60754-2   IEC 61034-2         |
| Water Penetration             | 24 h   |
| Water Penetration Test Method | IEC 60794-1 F5B  |

Environmental Test Specifications

|                               |                                      |
|-------------------------------|--------------------------------------|
| Temperature Cycle             | -30 °C to +70 °C (-22 °F to +158 °F) |
| Temperature Cycle Test Method | IEC 60794-1-2 F1                     |

Packaging and Weights

|              |                            |
|--------------|----------------------------|
| Cable weight | 171 kg/km   114.907 lb/kft |
|--------------|----------------------------|

Regulatory Compliance/Certifications

| Agency     | Classification   |
|------------|--|
| 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  |



\* Footnotes

|                       |   |
|-----------------------|---|
| Operating Temperature | Specification applicable to non-terminated bulk fiber cable |
|-----------------------|---|