



Fiber OSP cable, PE, Stranded Loose Tube Gel-filled CST, 24 fiber, Multimode OM4, Meters jacket marking, Black jacket color

Product Classification

| | |
|------------------------------|------------------------------|
| Regional Availability | Asia Australia/New Zealand |
| Portfolio | CommScope® |
| Product Type | Fiber OSP cable |
| Product Series | D-LA |

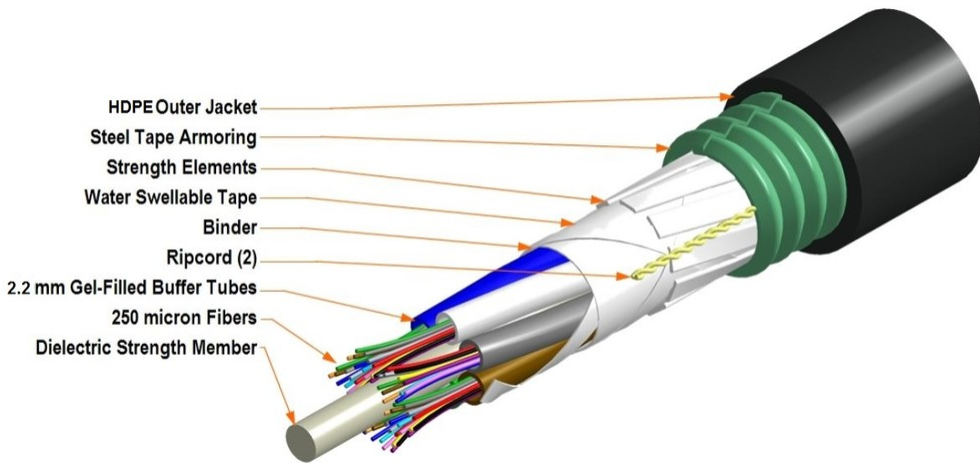
General Specifications

| | |
|-------------------------------------|---------------------|
| Cable Type | Stranded loose tube |
| Construction Type | Armored |
| Subunit Type | Gel-filled |
| Filler, quantity | 2 |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Fibers per Subunit, quantity | 6 |
| Total Fiber Count | 24 |

Dimensions

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|-------------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 2.1 mm 0.083 in |
| Diameter Over Jacket | 11.7 mm 0.461 in |

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 234 mm 9.213 in |
| Minimum Bend Radius, unloaded | 117 mm 4.606 in |
| Tensile Load, short term, maximum | 2700 N 606.984 lbf |
| Compression | 22 N/mm 125.623 lb/in |
| Compression Test Method | IEC 60794-1-2 E3 |
| Flex | 25 cycles |
| Strain | See long and short term tensile loads |
| Strain Test Method | IEC 60794-1-21 E1 |

Optical Specifications

| | |
|-------------------|-----|
| Fiber Type | OM4 |
|-------------------|-----|

Optical Specifications, Wavelength Specific

| | |
|-----------------------------|---|
| Attenuation, maximum | 1.00 dB/km @ 1,300 nm 3.00 dB/km @ 850 nm |
|-----------------------------|---|

Environmental Specifications

| | |
|--------------------------------------|--------------------------------------|
| Installation temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| Operating Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Cable Qualification Standards | Telcordia GR-20 |
| Environmental Space | Buried Ducted Outdoor |
| 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 133 kg/km | 89.372 lb/kft

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 |
| UK-ROHS | Compliant |



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable