

Fiber indoor cable, Low Smoke Zero Halogen Distribution, 2 fiber single-unit, Singlemode G.657.A1, Meters jacket marking, Yellow jacket color



Product Classification

| | |
|------------------------------|------------------------------|
| Regional Availability | Asia Australia/New Zealand |
| Portfolio | CommScope® |
| Product Type | Fiber indoor cable |
| Product Series | N-DS |

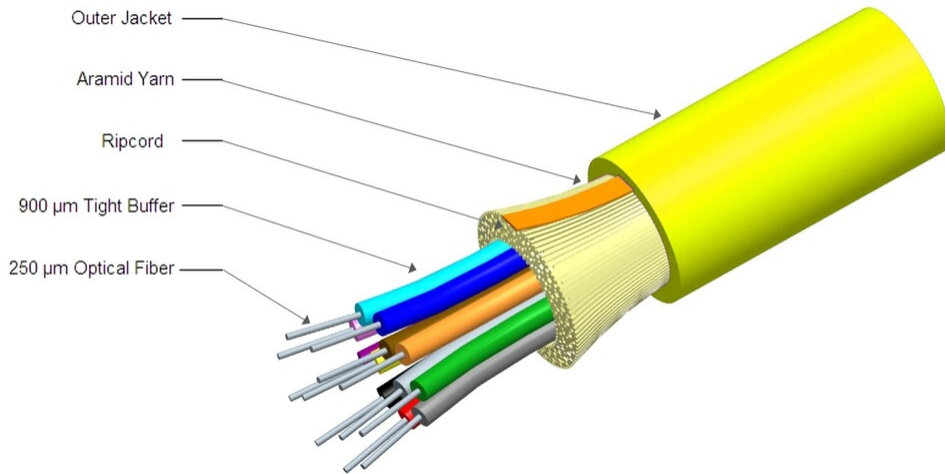
General Specifications

| | |
|--------------------------|--------------|
| Cable Type | Distribution |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Color | Yellow |
| Jacket Marking | Meters |
| Total Fiber Count | 2 |

Dimensions

| | |
|-----------------------------|-------------------|
| Diameter Over Jacket | 4.8 mm 0.189 in |
|-----------------------------|-------------------|

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 96 mm 3.78 in |
| Minimum Bend Radius, unloaded | 48 mm 1.89 in |
| Tensile Load, long term, maximum | 198 N 44.512 lbf |
| Tensile Load, short term, maximum | 660 N 148.374 lbf |
| Compression | 10 N/mm 57.101 lb/in |
| Compression Test Method | IEC 60794-1-21 E3 |
| Strain | See long and short term tensile loads |
| Strain Test Method | IEC 60794-1-21 E1 |

Optical Specifications

| | |
|-------------------|----------|
| Fiber Type | G.657.A1 |
|-------------------|----------|

Optical Specifications, Wavelength Specific

| | |
|-----------------------------|---|
| Attenuation, maximum | 0.30 dB/km @ 1,550 nm 0.40 dB/km @ 1,310 nm |
|-----------------------------|---|

Environmental Specifications

| | |
|---------------------------------|---------------------------------------|
| Installation temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| Operating Temperature | -20 °C to +70 °C (-4 °F to +158 °F) |
| Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Environmental Space | Low Smoke Zero Halogen (LSZH) Riser |

Flame Test Listing NEC OFNR (UL) and c(UL)

Flame Test Method IEC 60332-3 | UL 1666 | UL 1685

Environmental Test Specifications

Temperature Cycle Test Method IEC 60794-1-22 F1

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable