

Fiber indoor cable, Low Smoke Zero Halogen Distribution, 72 fiber multi-unit, Singlemode G.657.A1, Meters jacket marking, Yellow jacket color

Product Classification

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

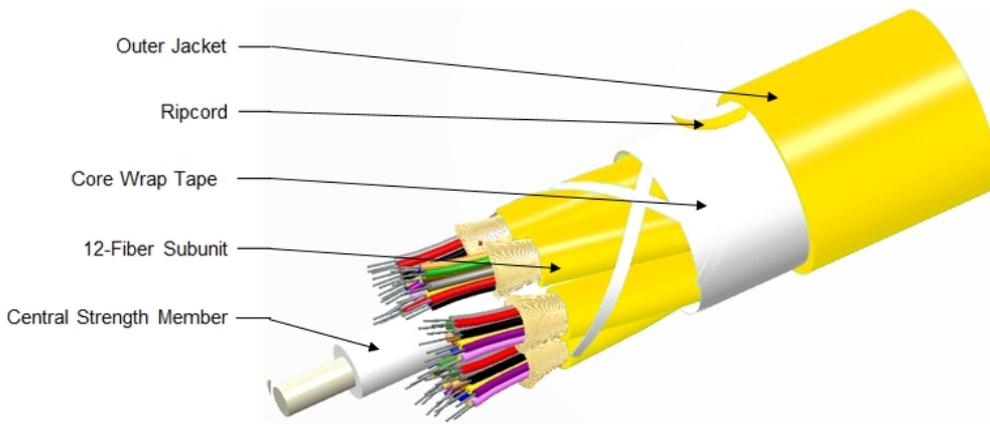
General Specifications

| | |
|-------------------------------------|--------------|
| Cable Type | Distribution |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Color | Yellow |
| Jacket Marking | Meters |
| Subunit, quantity | 6 |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 72 |

Dimensions

| | |
|-------------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 6 mm 0.236 in |
| Diameter Over Jacket | 21.8 mm 0.858 in |

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 436 mm 17.165 in |
| Minimum Bend Radius, unloaded | 218 mm 8.583 in |
| Tensile Load, long term, maximum | 396 N 89.024 lbf |
| Tensile Load, short term, maximum | 1320 N 296.748 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 |
| Twist | 10 cycles |

Optical Specifications

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

Optical Specifications, Wavelength Specific

| | |
|-----------------------------|--|
| Attenuation, maximum | 0.30 dB/km @ 1,550 nm 0.4 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) |
| Flame Test Listing | NEC OFNR (UL) |

Flame Test Method

IEC 60332-3 | UL 1666 | UL 1685

Environmental Test Specifications

Temperature Cycle Test Method

IEC 60794-1-22 F1

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



Included Products

CS-8Z-TB-0.40/0.30/093 – Low Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable