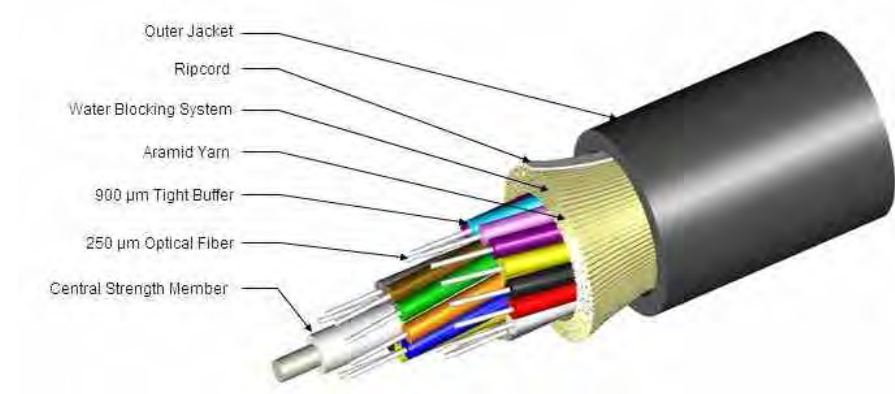




7600009753 | Z-006-DS-8W-FSUBK
Indoor/Outdoor Low Smoke Zero Halogen Riser Distribution Cable, 6 fiber single-unit

Representative Image



General Specifications

| | |
|-------------------|--------------|
| Cable Type | Distribution |
| Construction Type | Non-armored |

Construction Materials

| | |
|----------------------|--|
| Fiber Type Solution | TeraSPEED®, zero water peak singlemode fiber (G.652.D, G.657.A1) |
| Total Fiber Count | 6 |
| Fiber Type | TeraSPEED®, zero water peak singlemode fiber (G.652.D, G.657.A1) |
| Fiber Type, quantity | 6 |
| Jacket Color | Black |
| Jacket UV Resistance | UV stabilized |

Dimensions

| | |
|----------------------|--------------------------|
| Cable Weight | 17.5 lb/kft 26.0 kg/km |
| Diameter Over Jacket | 5.50 mm 0.22 in |

Physical Specifications

| | |
|-----------------------------------|---------------------|
| Minimum Bend Radius, loaded | 8.3 cm 3.3 in |
| Minimum Bend Radius, unloaded | 5.5 cm 2.2 in |
| Tensile Load, long term, maximum | 90 lbf 400 N |
| Tensile Load, short term, maximum | 300 lbf 1335 N |
| Vertical Rise, maximum | 500.0 m 1640.4 ft |

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Flame Test Specifications

| | |
|--------------------|--|
| Flame Test Listing | NEC OFNR-LS (ETL) and c(ETL) |
| Flame Test Method | IEC 60332-3 IEC 60754-2 IEC 61034-2 IEEE 383 UL 1666 UL 1685 |

Environmental Specifications

| | |
|--------------------------|---------------------------------------|
| Environmental Space | Low Smoke Zero Halogen (LSZH) Riser |
| Installation Temperature | -30 °C to +60 °C (-22 °F to +140 °F) |
| Operating Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Storage Temperature | -40 °C to +75 °C (-40 °F to +167 °F) |

Mechanical Test Specifications

| | |
|-------------------------------|---------------------------------------|
| Compression | 126 lb/in 22 N/mm |
| Compression Test Method | FOTP-41 IEC 60794-1 E3 |
| Flex | 100 cycles |
| Flex Test Method | FOTP-104 IEC 60794-1 E6 |
| Impact | 4.34 ft lb 5.88 N-m |
| Impact Test Method | FOTP-25 IEC 60794-1 E4 |
| Strain | See long and short term tensile loads |
| Strain Test Method | FOTP-33 IEC 60794-1 E1 |
| Twist | 10 cycles |
| Twist Test Method | FOTP-85 IEC 60794-1 E7 |
| Water Penetration | 24 h |
| Water Penetration Test Method | FOTP-82 IEC 60794-1 F5 |

Environmental Test Specifications

| | |
|-------------------------------|--------------------------------------|
| Cable Freeze Test Method | IEC 60794-1 F15 |
| Heat Age | -40 °C to +85 °C (-40 °F to +185 °F) |
| Heat Age Test Method | IEC 60794-1 F9 |
| Low High Bend | -40 °C to +70 °C (-40 °F to +158 °F) |
| Low High Bend Test Method | FOTP-37 IEC 60794-1 E11 |
| Temperature Cycle | -40 °C to +70 °C (-40 °F to +158 °F) |
| Temperature Cycle Test Method | FOTP-3 IEC 60794-1 F1 |

Qualification Specifications

| | |
|-------------------------------|--|
| Cable Qualification Standards | ANSI/ICEA S-104-696 EN 187105 Telcordia GR-20 (water penetration) Telcordia GR-409 |
|-------------------------------|--|

Regulatory Compliance/Certifications

| Agency | Classification |
|-----------------|--|
| RoHS 2011/65/EU | Compliant |
| ISO 9001:2008 | Designed, manufactured and/or distributed under this quality management system |



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Included Products

CS-8W-TB (Product Component—not orderable) — TeraSPEED® Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable