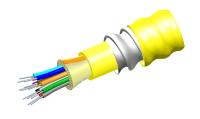
760127316 | R-012-DZ-8W-FSUYL



TeraSPEED® Riser Distribution Cable, interlocking aluminum armored with riser jacket, 12 fiber single-unit

Product Classification

PortfolioCommScope®Product TypeFiber indoor cable

Regional Availability Asia | Australia/New Zealand | EMEA | Latin America | North America

Standards And Qualifications

Cable Qualification Standards ANSI/ICEA S-83-596 | Telcordia GR-409

Representative Image

General Specifications

Cable TypeDistributionConstruction TypeArmoredSubunit TypeGel-free

Construction Materials

Fiber Type Solution G.652.D and G.657.A1 , TeraSPEED®

Total Fiber Count 12

Armor Type Interlocking aluminum

Fiber Type G.652.D and G.657.A1, TeraSPEED®

Fiber Type, quantity 12

Jacket Color Yellow

Dimensions

 Cable Weight
 146.0 kg/km | 98.0 lb/kft

 Diameter Over Armor
 10.80 mm | 0.43 in

 Diameter Over Jacket
 12.80 mm | 0.50 in

Physical Specifications

Minimum Bend Radius, loaded 25.7 cm | 10.1 in Minimum Bend Radius, unloaded 18.0 cm | 7.1 in

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Tensile Load, long term, maximum 45 lbf | 200 N Tensile Load, short term, maximum 150 lbf | 667 N Vertical Rise, maximum 140.0 m | 459.3 ft

Flame Test Specifications

Flame Test Listing NEC OFCR (ETL) and c(ETL)

Flame Test Method UL 1666

Environmental Specifications

Environmental Space Riser

Installation Temperature $-20 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-4 °F to $+158 \,^{\circ}\text{F}$)

Operating Temperature $-20 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-4 °F to $+158 \,^{\circ}\text{F}$)

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-40 °F to $+158 \,^{\circ}\text{F}$)

Mechanical Test Specifications

 Compression
 485 lb/in | 85 N/mm

 Compression Test Method
 FOTP-41 | IEC 60794-1 E3

Flex 25 cycles

 Flex Test Method
 FOTP-104 | IEC 60794-1 E6

 Impact
 25.80 ft lb | 35.00 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

Environmental Test Specifications

Heat Age -20 °C to +85 °C (-4 °F to +185 °F)

Heat Age Test Method IEC 60794-1 F9

Low High Bend-20 °C to +70 °C (-4 °F to +158 °F)Low High Bend Test MethodFOTP-37 | IEC 60794-1 E11Temperature Cycle-20 °C to +70 °C (-4 °F to +158 °F)

Temperature Cycle Test Method FOTP-3 | IEC 60794-1 F1

Regulatory Compliance/Certifications

Agency Classification RoHS 2011/65/EU Compliant

ISO 9001:2015 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