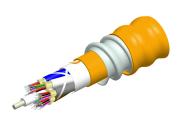
760127290 | R-012-DZ-6F-FSUOR



Fiber indoor cable, OptiSPEED® Riser Distribution, interlocking aluminum armored with riser jacket, 12 fiber single-unit, Gel-free, Multimode OM1, Feet jacket marking, Orange jacket color

Product Classification

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East/Africa | North

America

Portfolio CommScope®

Product Type Fiber indoor cable

Product Series R-DZ

General Specifications

Armor Type Interlocking aluminum

Cable Type Distribution

Construction Type Armored

Fiber Type, quantity 12

Jacket Color Orange

Jacket Marking Feet

Subunit Type Gel-free

Total Fiber Count 12

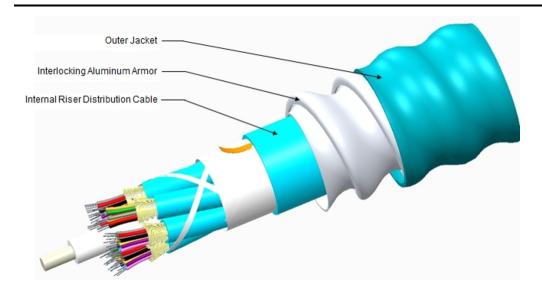
Dimensions

Diameter Over Armor10.8 mm | 0.425 inDiameter Over Jacket12.8 mm | 0.504 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded192 mm7.559 inMinimum Bend Radius, unloaded128 mm5.039 inTensile Load, long term, maximum200 N | 44.962 lbfTensile Load, short term, maximum667 N | 149.948 lbf

 Compression
 85 N/mm | 485.363 lb/in

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

Flex 25 cycles

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

Impact 35 N-m | 309.776 in lb

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

Vertical Rise, maximum 140 m | 459.318 ft

Optical Specifications

Fiber Type OM1, OptiSPEED® | OM1, OptiSPEED®

Environmental Specifications



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-20 °C to +70 °C (-4 °F to +158 °F) Installation temperature **Operating Temperature** -20 °C to +70 °C (-4 °F to +158 °F) **Storage Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

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

Environmental Space Riser

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

Flame Test Method UL 1666

Environmental Test Specifications

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

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 Method FOTP-37 | IEC 60794-1 E11

Temperature Cycle -20 °C to +70 °C (-4 °F to +158 °F)

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

Packaging and Weights

Cable weight 146 kg/km | 98.107 lb/kft

Regulatory Compliance/Certifications

Classification **Agency**

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system



Included Products

 OptiSPEED® OM1 Multimode CS-6F-TB

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

