760146217 | R-001-SP-8W-F29WH



Fiber indoor cable, TeraSPEED® 2.9 mm Riser Simplex, Singlemode G. 652.D and G.657.A1, Feet jacket marking, White 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-SP

General Specifications

Cable TypeCordage

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color White

Jacket Marking Feet

Total Fiber Count

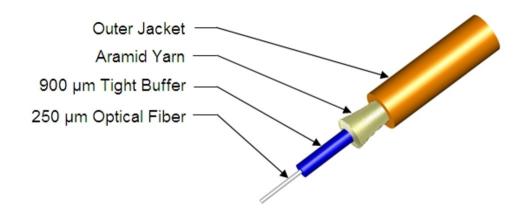
Dimensions

Diameter Over Jacket 2.9 mm | 0.114 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded44 mm1.732 inMinimum Bend Radius, unloaded23 mm0.906 inTensile Load, long term, maximum80 N17.985 lbfTensile Load, short term, maximum267 N60.024 lbf

Compression 10 N/mm | 57.101 lb/in

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

Flex 300 cycles

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

Impact 0.74 N-m | 6.55 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 500 m | 1,640.42 ft

Optical Specifications

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

Environmental Specifications



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

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

Cable Qualification StandardsANSI/ICEA S-83-596Telcordia GR-409

Environmental Space Riser

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

Flame Test Method UL 1666

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

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 9 kg/km | 6.048 lb/kft

Included Products

CS-8W-TB - TeraSPEED® Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

