760111468 | R-002-ZC-8W-F16GR



Fiber indoor cable, TeraSPEED® 1.6 mm Riser Zipcord, Singlemode G.652. D and G.657.Al, Feet jacket marking, Green 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-ZC

General Specifications

Cable Type Cordage

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Green

Jacket Marking Feet

Total Fiber Count

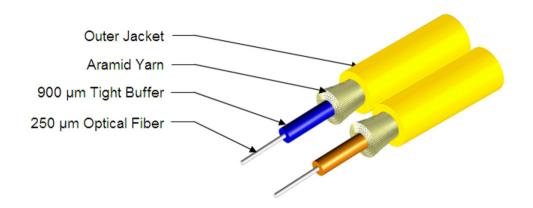
Dimensions

Height Over Jacket 1.7 mm | 0.067 in Width Over Jacket 3.5 mm | 0.138 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded38 mm | 1.496 inMinimum Bend Radius, unloaded15 mm | 0.591 inTensile Load, long term, maximum53 N | 11.915 lbfTensile Load, short term, maximum178 N | 40.016 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

Installation temperature -20 °C to +70 °C (-4 °F to +158 °F)

COMMSCOPE®

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

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

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

Environmental Space Riser

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

Flame Test Method UL 1666

Environmental Test Specifications

Heat Age $-20 \,^{\circ}\text{C to} +85 \,^{\circ}\text{C} \left(-4 \,^{\circ}\text{F to} +185 \,^{\circ}\text{F}\right)$

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

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

Packaging and Weights

Cable weight 5.8 kg/km | 3.897 lb/kft

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

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

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



Included Products

CS-8W-TB - TeraSPEED® Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

