760249436 | Z-024-CZ-RB-F12BK/8W/99F



Fiber Indoor/outdoor Cable, Interlocking Armored, Low Smoke Zero Halogen (LSZH), Riser-Rated, 24 fiber, Gel-Free, Central Tube Ribbon, Singlemode G.652.D and G.657.A1, Feet jacket marking, Black jacket color

Product Classification

Regional Availability

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

America

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series Z-CZ

General Specifications

 Armor Type
 Interlocking aluminum

 Cable Type
 Ribbon central tube

Construction TypeArmoredSubunit TypeGel-free

Fibers per Ribbon, quantity

12

Jacket Color

Black

Jacket Marking

Feet

Total Fiber Count

24

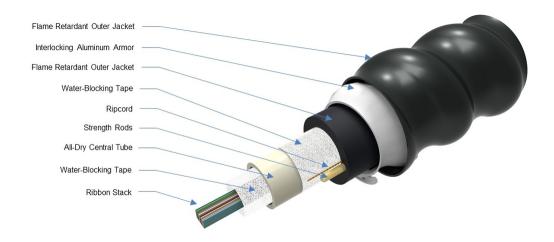
Dimensions

Buffer Tube/Subunit Diameter6 mm | 0.236 inDiameter Over Jacket21.7 mm | 0.854 in

Representative Image



760249436 | Z-024-CZ-RB-F12BK/8W/99F



Mechanical Specifications

Minimum Bend Radius, loaded 326 mm | 12.835 in

Minimum Bend Radius, unloaded 217 mm | 8.543 in

Tensile Load, long term, maximum 800 N | 179.847 lbf

Tensile Load, short term, maximum 2700 N | 606.984 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

Optical Specifications

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

Environmental Specifications

Installation temperature $-30 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-22 $^{\circ}\text{F}$ to $+140 \,^{\circ}\text{F}$)

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

Page 2 of 3

760249436 | Z-024-CZ-RB-F12BK/8W/99F

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+75 \,^{\circ}\text{C}$ ($-40 \,^{\circ}\text{F}$ to $+167 \,^{\circ}\text{F}$)

Cable Qualification Standards ANSI/ICEA S-104-696 | EN 187105 | Telcordia GR-20-CORE Issue

4 | Telcordia GR-409

Environmental Space Aerial, lashed | Buried | Low Smoke Zero Halogen (LSZH) | Riser

Flame Test Listing NEC OFCR-ST1 (ETL) and c(ETL)

Flame Test Method CSA FT4 | IEEE 1202 | UL 1666 | UL 1685

Jacket UV Resistance UV stabilized

Water Penentration 24 h

Water Penentration Test Method FOTP-82 | IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze -2 °C | 28.4 °F

Cable Freeze Test Method FOTP-98 | IEC 60794-1 F15

Heat Age $-40 \,^{\circ}\text{C} \text{ to } +85 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +185 \,^{\circ}\text{F})$

Heat Age Test Method IEC 60794-1 F9

 Low High Bend
 -20 °C to +60 °C (-4 °F to +140 °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 405 kg/km | 272.147 lb/kft

Included Products

CS-8W-RB-I/O - TeraSPEED® Singlemode Fiber Flat Ribbon

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

