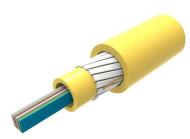
# 760232587 | P-096-CN-RB-F12YL/8G/99E



Fiber Indoor Cable, Plenum All-Dielectric Central Tube Ribbon, 96-fiber, Singlemode G.652.D and G.657.Al, Feet jacket marking, Yellow 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** P-CN

General Specifications

Cable Type Ribbon central tube

Construction Type Non-armored

Fiber Type, quantity 96

Fibers per Ribbon, quantity 12

Jacket Color Yellow

Jacket Marking Feet

Subunit Type Gel-free

**Total Fiber Count** 96

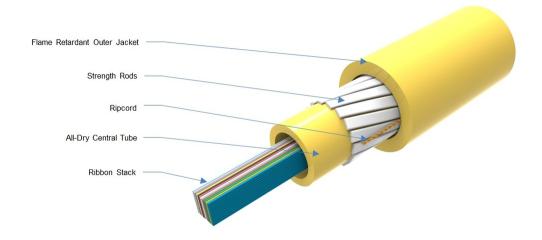
**Dimensions** 

Buffer Tube/Subunit Diameter 6.8 mm | 0.268 in Diameter Over Jacket 10.1 mm | 0.398 in

Representative Image



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## Mechanical Specifications

Minimum Bend Radius, loaded203.2 mm8 inMinimum Bend Radius, unloaded101.6 mm4 in

**Tensile Load, long term, maximum** 334 N | 75.086 lbf

**Tensile Load, short term, maximum** 1335 N | 300.12 lbf

**Compression** 10 N/mm | 57.101 lb/in

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

Flex 25 cycles

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

**Impact** 2.94 N-m | 26.021 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 | G.652.D and G.657.A1

## **Environmental Specifications**

Installation temperature  $0 \,^{\circ}\text{C to} + 70 \,^{\circ}\text{C (+32 °F to} + 158 \,^{\circ}\text{F)}$ Operating Temperature  $-20 \,^{\circ}\text{C to} + 70 \,^{\circ}\text{C (-4 °F to} + 158 \,^{\circ}\text{F)}$ 

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## 760232587 | P-096-CN-RB-F12YL/8G/99E

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 Plenum

Flame Test Listing

NEC OFNP (UL) and c(UL)

Flame Test Method

NFPA 130 | NFPA 262

**Environmental Test Specifications** 

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

**Heat Age Test Method** IEC 60794-1 F9

**Low High Bend** 0 °C to +70 °C (+32 °F to +158 °F)

**Low High Bend Test Method** FOTP-37 | IEC 60794-1 E11

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

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

Packaging and Weights

**Cable weight** 95 kg/km | 63.837 lb/kft

## Regulatory Compliance/Certifications

#### Agency Classification

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



#### Included Products

CS-8G-RB-INDOOR – Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Flat Ribbon Fiber (ITU-T G.657.A2, B2)

### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

