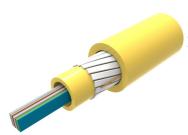
## 760232579 | P-072-CN-RB-F12YL/8G/99E



Fiber Indoor Cable, Plenum All-Dielectric Central Tube Ribbon, 72-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 TypeRibbon central tube

Construction Type Non-armored

**Subunit Type** Gel-free

Fibers per Ribbon, quantity 12

Jacket Color Yellow

Jacket Marking Feet

Total Fiber Count 72

**Dimensions** 

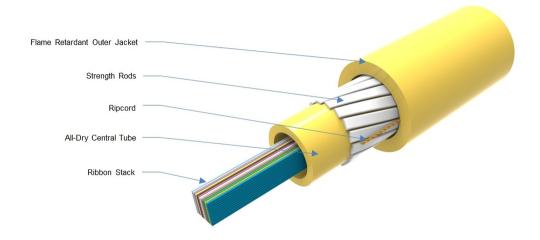
Buffer Tube/Subunit Diameter 6 mm | 0.236 in

Diameter Over Jacket 9.2 mm | 0.362 in

Representative Image



# 760232579 | P-072-CN-RB-F12YL/8G/99E



### Mechanical Specifications

Minimum Bend Radius, loaded 182.9 mm | 7.201 in

Minimum Bend Radius, unloaded 91.4 mm | 3.598 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  $^{\circ}\text{F}$  to +158  $^{\circ}\text{F}$ )

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

Page 2 of 3



# 760232579 | P-072-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 °C to +85 °C (-4 °F to +185 °F)

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

**Low High Bend**  $0 \degree \text{C to } +70 \degree \text{C (} +32 \degree \text{F to } +158 \degree \text{F)}$ 

**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
 85 kg/km | 57.117 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-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

