

Indoor Plenum Rollable Ribbon Backbone Cable

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-MP

General Specifications

Cable Type

Cordage

Construction Type

Non-armored

Subunit Type

Gel-free

Fibers per Ribbon, quantity

12

Jacket Color

Yellow

Jacket Marking

Feet

Total Fiber Count

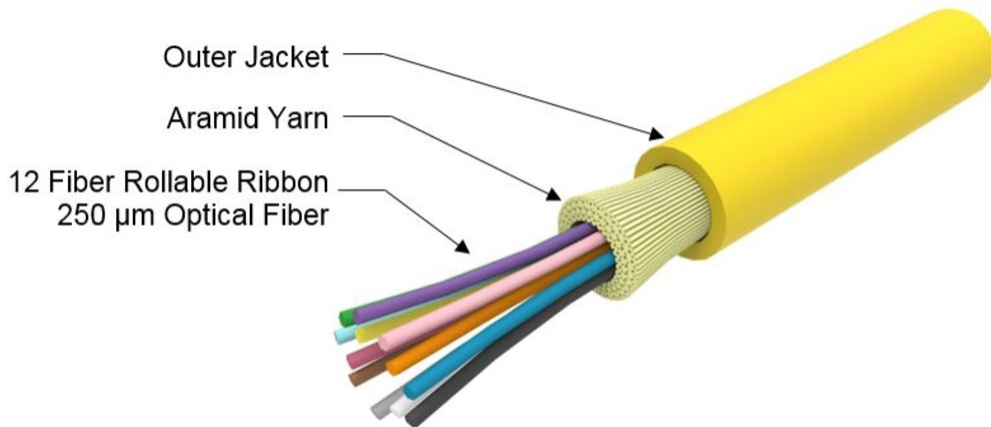
48

Dimensions

Diameter Over Jacket

5.8 mm | 0.228 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	116 mm 4.567 in
Minimum Bend Radius, unloaded	46 mm 1.811 in
Tensile Load, long term, maximum	198 N 44.512 lbf
Tensile Load, short term, maximum	660 N 148.374 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.657.A2/B2 G.657.A2/B2
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Environmental Specifications

Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)

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Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-104-696 ANSI/ICEA S-83-596 Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (UL) and c(UL)

Environmental Test Specifications

Heat Age	0 °C to +85 °C (+32 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	0 °C to +60 °C (+32 °F to +140 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1

Packaging and Weights

Cable weight	38.2 kg/km 25.669 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



Included Products

CS-8G1-RR-MP	–	Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Rollable Ribbon Fiber (ITU-T G.657.A2, B2)
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable