760256410 | Z-012-MP-RR-F30BK/8G1/99K/C

Fiber indoor/Outdoor OFNR/LSZH Riser Light Duty MPO Patchcord Cable with Rollable Ribbon

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	N-MP

General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Fibers per Ribbon, quantity	12
Jacket Color	Black
Jacket Marking	Feet
Total Fiber Count	12

Dimensions

Diameter Over Jacket	3 mm	0.118 in

Representative Image

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Outer Jacket
Aramid Yarn
12 Fiber Rollable Ribbon
250 µm Optical Fiber
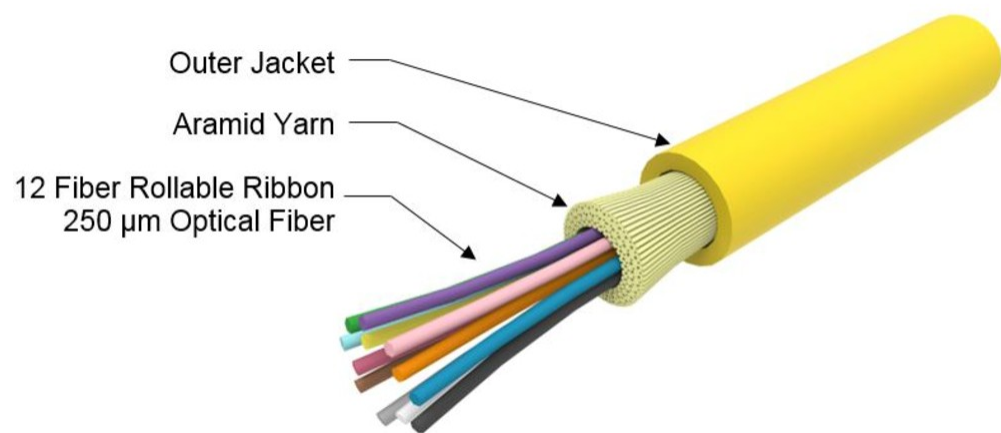
Mechanical Specifications

Minimum Bend Radius, loaded	60 mm | 2.362 in
Minimum Bend Radius, unloaded	24 mm | 0.945 in
Tensile Load, long term, maximum	30 N | 6.744 lbf
Tensile Load, short term, maximum	100 N | 22.481 lbf
Compression	4 N/mm | 22.841 lb/in
Compression Test Method	FOTP-41 | IEC 60794-1 E3
Flex	10 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

Optical Specifications

Fiber Type	G.657.A2/B2 | G.657.A2/B2

Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	0 °C to +70 °C (+32 °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-83-596	Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	Cca
EN50575 CPR Cable EuroClass Smoke Rating	s1
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)	Riser
Flame Test Listing	NEC OFNR-ST1 (UL) and c(UL)
Flame Test Method	CSA FT4	IEC 60332-1-2	IEC 60754-2	IEC 61034-2	UL 1666	UL 1685

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	-10 °C to +60 °C (+14 °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	7.9 kg/km	5.309 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
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

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