

Low Smoke Zero Halogen Riser MPO Trunk Cable, 48 fiber with 24 fiber subunits

Product Classification

Regional Availability

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

Portfolio

CommScope®

Product Type

Fiber indoor cable

Product Series

N-MP

General Specifications

Cable Type

MPO trunk cable

Construction Type

Non-armored

Subunit Type

Gel-free

Jacket Color

Yellow

Jacket Marking

Feet

Subunit, quantity

2

Fibers per Subunit, quantity

24

Total Fiber Count

48

Dimensions

Height Over Jacket

5.8 mm | 0.228 in

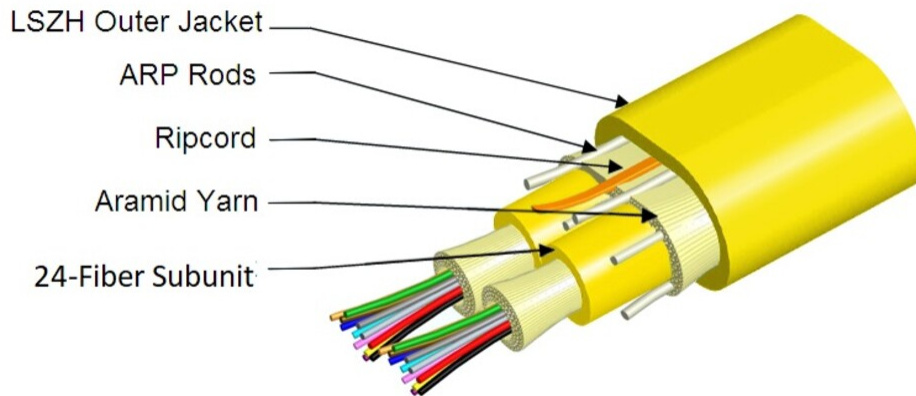
Width Over Jacket

9.41 mm | 0.37 in

Buffer Tube/Subunit Diameter

3.6 mm | 0.142 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	87 mm 3.425 in
Minimum Bend Radius, unloaded	58 mm 2.283 in
Tensile Load, long term, maximum	240 N 53.954 lbf
Tensile Load, short term, maximum	801 N 180.072 lbf
Compression	10 N/mm 57.101 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	300 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
Vertical Rise, maximum	445 m 1,459.974 ft

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)
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760240263 | N-048-MP-8G-F24YL/D

Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
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	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH) Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	IEC 60332-3 IEC 60754-2 IEC 61034-2 UL 1666 UL 1685

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	-20 °C to +70 °C (-4 °F to +158 °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	55.1 kg/km 37.025 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable