760251068 | N-096-MP-5G-F16LM/30T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 96 fiber with 16-fiber, 3.0mm subunits, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color, B2ca flame rating

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 Lime green

Jacket Marking Feet

Subunit, quantity 6

Fibers per Subunit, quantity 16

Total Fiber Count 96

Dimensions

Buffer Tube/Subunit Diameter 3 mm | 0.118 in

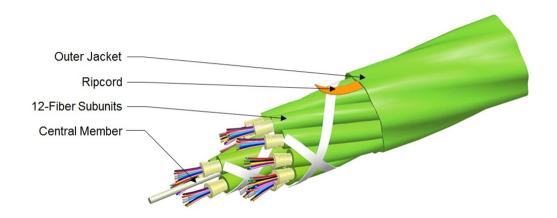
Diameter Over Jacket 12.1 mm | 0.476 in

Representative Image



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400 N | 89.924 lbf



Mechanical Specifications

Minimum Bend Radius, loaded 182 mm | 7.165 in

Minimum Bend Radius, unloaded 121 mm | 4.764 in

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

10 N/mm | 57.101 lb/in Compression

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

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

Vertical Rise, maximum 288 m | 944.882 ft

Optical Specifications

Fiber Type OM5, LazrSPEED® wideband

Environmental Specifications

0 °C to +50 °C (+32 °F to +122 °F) Installation temperature **Operating Temperature** 0 °C to +60 °C (+32 °F to +140 °F)

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Storage Temperature -40 °C to +60 °C (-40 °F to +140 °F)

Cable Qualification Standards ANSI/ICEA S-83-596 | Telcordia GR-409

EN50575 CPR Cable EuroClass Fire PerformanceB2caEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd2EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Dual Rated LSZH/Riser | Low Smoke Zero Halogen (LSZH)

Flame Test Listing NEC OFNR-ST1 (ETL) and c(ETL)

Flame Test Method | 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 Bend0 °C to +50 °C (+32 °F to +122 °F)Low High Bend Test MethodFOTP-37 | IEC 60794-1 E11Temperature Cycle0 °C to +60 °C (+32 °F to +140 °F)

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

Packaging and Weights

Cable weight 142 kg/km | 95.42 lb/kft

Included Products

CS-5G-MP – LazrSPEED® OM5 WideBand Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

