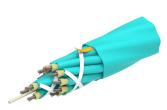
## 760251061 | N-144-MP-5K-F16AQ/30T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 144 fiber with 16-fiber, 3.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua 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 TypeMPO trunk cable

Construction Type Non-armored

**Subunit Type** Gel-free

Jacket Color Aqua

Jacket Marking Feet

Subunit, quantity 9

Fibers per Subunit, quantity 16

Total Fiber Count 144

**Dimensions** 

**Buffer Tube/Subunit Diameter** 3 mm | 0.118 in

**Diameter Over Jacket** 15 mm | 0.591 in

Mechanical Specifications

Minimum Bend Radius, loaded 226 mm | 8.898 in

Minimum Bend Radius, unloaded 150 mm | 5.906 in

Tensile Load, long term, maximum 400 N | 89.924 lbf

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

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## 760251061 | N-144-MP-5K-F16AQ/30T/B2

**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

Vertical Rise, maximum 188 m | 616.798 ft

**Optical Specifications** 

**Fiber Type** OM4, LazrSPEED® 550

#### **Environmental Specifications**

Installation temperature  $0 \, ^{\circ}\text{C to} + 50 \, ^{\circ}\text{C (+32 °F to} + 122 °F)$ Operating Temperature  $0 \, ^{\circ}\text{C to} + 60 \, ^{\circ}\text{C (+32 °F to} + 140 °F)$ Storage Temperature  $-40 \, ^{\circ}\text{C to} + 60 \, ^{\circ}\text{C (-40 °F to} + 140 °F)$ 

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** Low Smoke Zero Halogen (LSZH)

Flame Test Method IEC 60754-2 | IEC 61034-2

**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 +70 °C (+32 °F to +158 °F)Low High Bend Test MethodFOTP-37 | IEC 60794-1 E11Temperature Cycle0 °C to +70 °C (+32 °F to +158 °F)

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# 760251061 | N-144-MP-5K-F16AQ/30T/B2

**Temperature Cycle Test Method** 

FOTP-3 | IEC 60794-1 F1

Packaging and Weights

**Cable weight** 194 kg/km | 130.362 lb/kft

Included Products

CS-5K-MP – LazrSPEED® 550 OM4 Bend-Insensitive Multimode

Fiber

\* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

