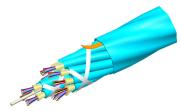
# 760250692 | N-036-MP-5K-F12AQ/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 36 fiber with 2.0 mm Subunits, Multimode OM4, Feet jacket marking, Aqua jacket color, B2ca flame rating

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | EMEA

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

Filler, quantity 1

Jacket Color Lime green

**Jacket Marking** Feet

Subunit, quantity 3

Fibers per Subunit, quantity 12

Total Fiber Count 36

Dimensions

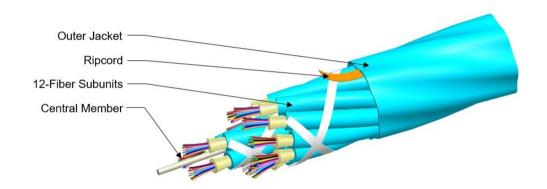
**Buffer Tube/Subunit Diameter** 2 mm | 0.079 in

**Diameter Over Jacket** 7.8 mm | 0.307 in

Representative Image



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### Mechanical Specifications

Minimum Bend Radius, loaded 116 mm | 4.567 in

Minimum Bend Radius, unloaded 78 mm | 3.071 in

**Tensile Load, long term, maximum** 200 N | 44.962 lbf

**Tensile Load, short term, maximum** 667 N | 149.948 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

**Vertical Rise, maximum** 340 m | 1,115.486 ft

**Optical Specifications** 

Fiber Type OM4, LazrSPEED® 550

**Environmental Specifications** 

Installation temperature  $0 \,^{\circ}\text{C}$  to +50  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +122  $^{\circ}\text{F}$ )

Operating Temperature  $0 \,^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

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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 PerformanceB2caEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd0

EN50575 CPR Cable EuroClass Acidity Rating a1

**Environmental Space** Low Smoke Zero Halogen (LSZH)

**Flame Test Method** IEC 60332-3 | IEC 60754-2 | IEC 61034-2

**Environmental Test Specifications** 

**Low High Bend**  $0 \,^{\circ}\text{C}$  to +50  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +122  $^{\circ}\text{F}$ ) **Low High Bend Test Method** FOTP-37 | IEC 60794-1 E11

**Temperature Cycle** 0 °C to +60 °C (+32 °F to +140 °F)

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

Packaging and Weights

**Cable weight** 60.1 kg/km | 40.385 lb/kft

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

Fiber

#### \* Footnotes

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

