# 760256205 | P-096-MZ-5K-F16AQ



Fiber indoor cable, Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 96 fiber multi-unit with 16 fiber subunits, Gel-free, OM4 multi-mode, Feet jacket marking, Aqua jacket color

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East

/Africa | North America

Portfolio CommScope®

Product Type Fiber indoor cable

**Product Series** P-MZ

## General Specifications

Armor Type Interlocking aluminum

Cable Type MPO trunk cable

Construction TypeArmoredSubunit TypeGel-free

Jacket ColorAquaJacket MarkingFeetSubunit, quantity4

Fibers per Subunit, quantity 16

Total Fiber Count 96

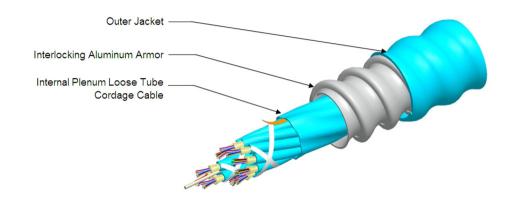
#### **Dimensions**

Buffer Tube/Subunit Diameter3 mm | 0.118 inDiameter Over Armor17.1 mm | 0.673 inDiameter Over Jacket19.2 mm | 0.756 in

## Representative Image



# 760256205 | P-096-MZ-5K-F16AQ



## Mechanical Specifications

Minimum Bend Radius, loaded 288 mm | 11.339 in

Minimum Bend Radius, unloaded 192 mm | 7.559 in

Tensile Load, long term, maximum  $400 \text{ N} \mid 89.924 \text{ lbf}$ Tensile Load, short term, maximum  $1335 \text{ N} \mid 300.12 \text{ lbf}$ 

**Compression** 85 N/mm | 485.363 lb/in

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

Flex 300 cycles

Flex Test Method FOTP-104 | IEC 60794-1 E6

**Impact** 35 N-m | 309.776 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** 132 m | 433.071 ft

**Optical Specifications** 

Fiber Type OM4, LazrSPEED® 550

**Environmental Specifications** 

**Installation temperature** 0 °C to +70 °C (+32 °F to +158 °F)

**COMMSCOPE®** 

# 760256205 | P-096-MZ-5K-F16AQ

**Operating Temperature**  $0 \, ^{\circ}\text{C} \text{ to } +70 \, ^{\circ}\text{C} \text{ (+32 } ^{\circ}\text{F to } +158 \, ^{\circ}\text{F)}$ 

**Storage Temperature**  $-40 \,^{\circ}\text{C to } +70 \,^{\circ}\text{C } (-40 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$ 

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

Environmental Space Plenum

Flame Test Listing

NEC OFCP (ETL) and c(ETL)

Flame Test Method

NFPA 130 | NFPA 262

**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** 0 °C to +70 °C (+32 °F to +158 °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** 310 kg/km | 208.31 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

