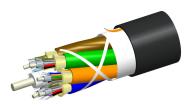
760238377 | P-048-0D-5G-FMUBK



Fiber Indoor/Outdoor cable, LazrSPEED®, Plenum Distribution Cable, 48 fiber multi-unit with 12 fiber subunits, Gel-free, Multimode OM5, Feet jacket marking, Black jacket color

Product Classification

Regional Availability

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

/Africa | North America

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series P-OD

General Specifications

Cable TypeDistribution

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Black

Jacket Marking Feet

Subunit, quantity 4

Fibers per Subunit, quantity 12

Total Fiber Count 48

Dimensions

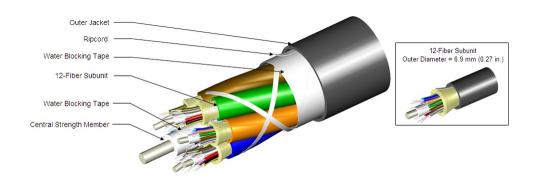
Buffer Tube/Subunit Diameter 6.9 mm | 0.272 in

Diameter Over Jacket 18.9 mm | 0.744 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded283 mm11.142 inMinimum Bend Radius, unloaded189 mm7.441 in

Tensile Load, long term, maximum

1068 N | 240.096 lbf

Tensile Load, short term, maximum

3560 N | 800.32 lbf

Compression 22 N/mm | 125.623 lb/in

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

Flex 100 cycles

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

Impact 5.88 N-m | 52.042 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 330 m | 1,082.677 ft

Optical Specifications

Fiber Type OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

Environmental Specifications

Installation temperature $-30 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-22 °F to $+158 \,^{\circ}\text{F}$)

Operating Temperature $-25 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-13 °F to $+158 \,^{\circ}\text{F}$)

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+75 \,^{\circ}\text{C}$ (-40 °F to $+167 \,^{\circ}\text{F}$)

Page 2 of 3



760238377 | P-048-0D-5G-FMUBK

Cable Qualification Standards ANSI/ICEA S-104-696 | Telcordia GR-20 (water penetration) | Telcordia

GR-409

Environmental Space Plenum

Flame Test Listing NEC OFNP (ETL) and c(ETL)

Flame Test Method NFPA 130 | NFPA 262

Jacket UV Resistance UV stabilized

Water Penetration 24 h

Water Penetration Test Method FOTP-82 | IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze Test Method IEC 60794-1 F15

Heat Age $-40 \,^{\circ}\text{C}$ to $+85 \,^{\circ}\text{C}$ $(-40 \,^{\circ}\text{F to } +185 \,^{\circ}\text{F})$

Heat Age Test Method IEC 60794-1 F9

Low High Bend $-40 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$

Low High Bend Test Method FOTP-37 | IEC 60794-1 E11

Temperature Cycle -40 °C to +70 °C (-40 °F to +158 °F)

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

Packaging and Weights

Cable weight 330 kg/km | 221.75 lb/kft

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

Included Products

CS-5G-TB - LazrSPEED® OM5 WideBand Multimode

Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

