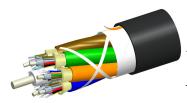
P-096-0D-5L-FMUBK 760038117



Fiber Indoor/Outdoor cable, LazrSPEED®, Plenum Distribution Cable, 96 fiber multi-unit with 12 fiber subunits, Gel-free, Multimode OM3, Feet jacket marking, Black jacket color

OBSOLETE

This product was discontinued on: November 9, 2020

Product Classification

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

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/Africa | North America

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series P-OD

General Specifications

Cable Type Distribution **Construction Type** Non-armored

Subunit Type Gel-free

Jacket Color Black

Jacket Marking Feet

Subunit, quantity

96

Total Fiber Count

Dimensions

Fibers per Subunit, quantity

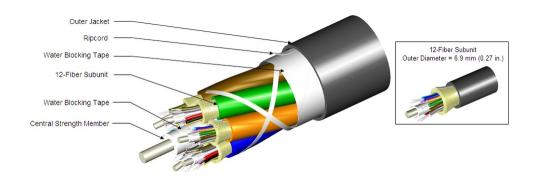
Buffer Tube/Subunit Diameter 6.9 mm | 0.272 in

Diameter Over Jacket 28.2 mm | 1.11 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded423 mm1 16.654 inMinimum Bend Radius, unloaded282 mm1 11.102 inTensile Load, long term, maximum1335 N300.12 lbf

Tensile Load, short term, maximum 4450 N | 1,000.4 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 169 m | 554.462 ft

Optical Specifications

Fiber Type OM3, LazrSPEED® 300 | OM3, LazrSPEED® 300

Environmental Specifications

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

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

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

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

GR-409

24 h

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 Test Method FOTP-82 | IEC 60794-1 F5

Environmental Test Specifications

Water Penetration

Cable Freeze Test Method IEC 60794-1 F15

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

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 806 kg/km | 541.607 lb/kft

Regulatory Compliance/Certifications

Agency Classification

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

Included Products

CS-5L-TB – LazrSPEED® 300 OM3 Bend-Insensitive Multimode

Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

