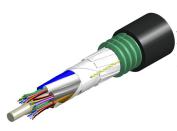
760249994 | C-096-LA-5K-M12BK/25G/GY/FS



Fiber indoor/outdoor cable, LazrSPEED®, Single Jacket/Single Armor, 120 min Fire Survival, LSZH, 96 fiber, Gel-Filled, Stranded Loose Tube, Multimode OM4, Meters jacket marking, Black jacket color. Provides Rodent Resistance

 Corrugated steel tape armor is strong yet flexible, providing additional crush and rodent protection

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-LA

General Specifications

Armor Type Corrugated steel

 Cable Type
 Stranded loose tube

Construction TypeArmoredSubunit TypeGel-filledJacket ColorBlackJacket MarkingMeters

Jacket Marking Method Inkjet

Jacket Marking Text COMMSCOPE GB F.O. CABLE 760249994 INT/EXT FIRE SURVIVAL 96 X 50

/125 OM4 (Serial NUMBER) (METRE MARK)

Subunit, quantity 8

Fibers per Subunit, quantity 12

Total Fiber Count 96

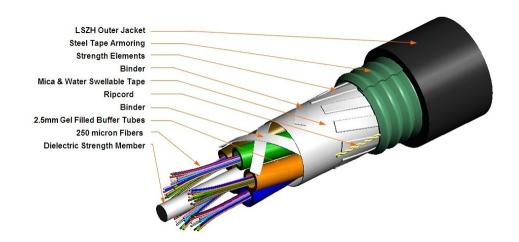
Dimensions

Buffer Tube/Subunit Diameter2.5 mm0.098 inDiameter Over Jacket16 mm0.63 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded 330 mm | 12.992 in

Minimum Bend Radius, unloaded 200 mm | 7.874 in

Tensile Load, long term, maximum 2000 N | 449.618 lbf

Tensile Load, short term, maximum 4000 N | 899.236 lbf

Compression 20 N/mm | 114.203 lb/in

Compression Test Method IEC 60794-1 E3

Impact 5 N-m | 44.254 in lb

Impact Test Method IEC 60794-1 E4

Strain See long and short term tensile loads

Strain Test Method IEC 60794-1 E1

Twist 5 cycles

Twist Test Method IEC 60794-1 E7

Optical Specifications

Fiber Type OM4 | OM4, LazrSPEED®

Environmental Specifications

Operating Temperature-30 °C to +70 °C (-22 °F to +158 °F)Storage Temperature-40 °C to +75 °C (-40 °F to +167 °F)

Cable Qualification Standards EN 187105 | IEC 60794-1-2

COMMSCOPE®

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Environmental Space Aerial, lashed | Buried | Low Smoke Zero Halogen (LSZH)

Flame Test Method IEC 60331-25 (120) Fire resistance: 120 minutes at 750 °C (no fiber break) | IEC 60332-

1 | IEC 60754-1 | IEC 60754-2 | IEC 61034-2 | NES 713 (<=5 - jacket material

only)

Jacket UV Resistance UV stabilized

Water Penentration 24 h

Water Penentration Test Method IEC 60794-1 F5

Environmental Test Specifications

Low High Bend Test Method IEC 60794-1 E11

Temperature Cycle -30 °C to +70 °C (-22 °F to +158 °F)

Temperature Cycle Test Method IEC 60794-1 F1

Packaging and Weights

Cable weight 304 kg/km | 204.279 lb/kft

Included Products

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

Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

