

Fiber Indoor/Outdoor cable, LazrSPEED® Plenum Distribution, 12 fiber single-unit, Multimode OM4, Gel-free, 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 Type
 Distribution

 Construction Type
 Non-armored

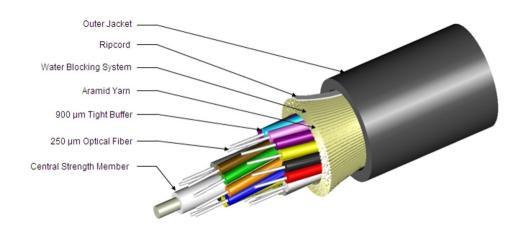
Jacket ColorBlackJacket MarkingFeetTotal Fiber Count12

Dimensions

Diameter Over Jacket 6.9 mm | 0.272 in

Representative Image





Mechanical Specifications

Compression Test Method

Minimum Bend Radius, loaded104 mm4.094 inMinimum Bend Radius, unloaded69 mm2.717 inTensile Load, long term, maximum400 N89.924 lbf

Tensile Load, short term, maximum 1335 N | 300.12 lbf

Compression 10 N/mm | 57.101 lb/in

Flex 100 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 500 m | 1,640.42 ft

Optical Specifications

Fiber Type OM4, LazrSPEED® 550 | OM4, LazrSPEED® 550

FOTP-41 | IEC 60794-1 E3

Environmental Specifications

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

COMMSCOPE®

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

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

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 °C to +85 °C (-40 °F to +185 °F)

Heat Age Test Method IEC 60794-1 F9

Low High Bend -40 °C to +70 °C (-40 °F to +158 °F)

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

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

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

Packaging and Weights

Cable weight 54 kg/km | 36.286 lb/kft

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

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

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



Included Products

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

Fiber



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable