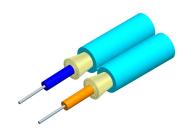
760251860 | N-002-ZC-5K-M01AQ/AY/SP18



Fiber Indoor Cable, LazrSPEED® 1.8 mm Low Smoke Zero Halogen Riser, 2-fiber Zipcord, Multimode OM4, Meter jacket marking, Aqua jacket color

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio CommScope®

Product Type Fiber indoor cable

Product Series N-ZC

General Specifications

Cable Type Cordage

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Aqua

Total Fiber Count 2

Dimensions

Jacket Marking

Height Over Jacket 1.8 mm | 0.071 in Width Over Jacket 3.8 mm | 0.15 in

Mechanical Specifications

Minimum Bend Radius, loaded60 mm | 2.362 inMinimum Bend Radius, unloaded30 mm | 1.181 inTensile Load, long term, maximum70 N | 15.737 lbfTensile Load, short term, maximum178 N | 40.016 lbfCompression5 N/mm | 28.551 lb/in

011/11111 | 20.001 10/111

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

COMMSCOPE®

Meters

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Flex 300 cycles

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

Impact 0.74 N-m | 6.55 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 25 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

Environmental Specifications

Installation temperature $-20 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-4 °F to +140 °F)

Operating Temperature $-20 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-4 °F to +158 °F)

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

Cable Qualification StandardsANSI/ICEA S-83-596 | Telcordia GR-409Environmental SpaceLow Smoke Zero Halogen (LSZH) | Riser

Environmental Test Specifications

Heat Age -20 °C to +85 °C (-4 °F to +185 °F)

Heat Age Test Method IEC 60794-1 F9

Temperature Cycle $-20 \,^{\circ}\text{C to } +70 \,^{\circ}\text{C } (-4 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$

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

Packaging and Weights

 Cable weight
 4.8 kg/km | 3.225 lb/kft

Included Products

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

Fiber



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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable