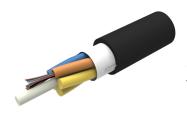
760256242 | C-048-LN-5K-M12BK/15D/B2



Fiber Indoor/outdoor Cable, Low Smoke Zero Halogen / 48 fiber Microsheath, Gel-free, Meters jacket marking, Black jacket color, B2ca flame rating

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-LN

General Specifications

Cable Type Stranded microsheath tube

Subunit Type Gel-free

Filler, quantity

Jacket ColorBlackJacket MarkingMetersJacket Marking MethodInkjet

Jacket Marking TextCOMMSCOPE GB OPTICAL CABLE 760256242 48 x 5K 50/125 EN50575

CLASS B ULSZH [Serial number] [metre mark]

Subunit, quantity 4

Fibers per Subunit, quantity 12

Total Fiber Count 48

Dimensions

Cable Length2000 m | 6,561.68 ftBuffer Tube/Subunit Diameter1.5 mm | 0.059 inDiameter Over Jacket6.7 mm | 0.264 in

Mechanical Specifications

Minimum Bend Radius, loaded150 mm5.906 inMinimum Bend Radius, unloaded100 mm3.937 inTensile Load, long term, maximum150 N | 33.721 lbf

Page 1 of 3



760256242 | C-048-LN-5K-M12BK/15D/B2

Tensile Load, short term, maximum 480 N | 107.908 lbf

Cable Crush Resistance, maximum 10 N/mm | 57.101 lb/in

Compression Test Method IEC 60794-1-21 E3

Impact 2 N-m | 17.701 in lb

Impact Test Method IEC 60794-1-21 E4

Strain Test Method IEC 60794-1-21 E1

Twist 5 cycles

Twist Test Method IEC 60794-1 E7

Optical Specifications

Fiber Type OM4, LazrSPEED®

Optical Specifications, Wavelength Specific

Attenuation, maximum 1.00 dB/km @ 1,300 nm | 3.00 dB/km @ 850 nm

Environmental Specifications

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

EN50575 CPR Cable EuroClass Fire PerformanceB2caEN50575 CPR Cable EuroClass Smoke Rating\$1aEN50575 CPR Cable EuroClass Droplets Ratingd0EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental SpaceUniversal Low Smoke Zero Halogen (ULSZH)

Water Penetration Test Method IEC 60794-1 F5

Environmental Test Specifications

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

Temperature Cycle Test Method IEC 60794-1-22 F1

Packaging and Weights

Cable weight 48.9 kg/km | 32.859 lb/kft

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

ROHS Compliant

Page 2 of 3

760256242 | C-048-LN-5K-M12BK/15D/B2

UK-ROHS

Compliant



Included Products

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

Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

