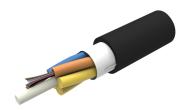
760256240 | C-024-LN-5K-M12BK/15D/B2



Fiber Indoor/outdoor Cable, Low Smoke Zero Halogen / 24 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 3

Jacket ColorBlackJacket MarkingMeters

Jacket Marking Text COMMSCOPE GB OPTICAL CABLE 760256240 24 x 5K 50/125 EN50575

Inkjet

CLASS B ULSZH [Serial number] [metre mark]

Subunit, quantity 2

Fibers per Subunit, quantity 12

Total Fiber Count 24

Dimensions

Jacket Marking Method

 Cable Length
 2000 m | 6,561.68 ft

 Buffer Tube/Subunit Diameter
 1.5 mm | 0.059 in

 Diameter Over Jacket
 6.7 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



760256240 | C-024-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 Ratings1aEN50575 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 48.8 kg/km | 32.792 lb/kft

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

ROHS Compliant

Page 2 of 3

760256240 | C-024-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

