760254763 | C-012-CA-5L-M12BK/28G/GRP/D



Indoor/Outdoor Low Smoke Zero Halogen, LazrSPEED® Central Loose Tube, CST Armoured Fiber Optic Cable, 12-fiber, Multimode OM3, Gelfilled, black. Provides Rodent Resistance.

Product Classification

Regional Availability

Australia/New Zealand | EMEA

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-CA

General Specifications

Armor Type Non-metallic rods

Cable TypeLoose tubeSubunit TypeGel-filled

Jacket Color Black

Jacket Marking Meters

Fibers per Subunit, quantity 12

Total Fiber Count 12

Dimensions

Cable Length 1000 m | 3,280.84 ft

Diameter Over Jacket 9 mm | 0.354 in

Mechanical Specifications

Minimum Bend Radius, loaded 228.6 mm | 9 in

Minimum Bend Radius, unloaded 175.3 mm | 6.902 in

Tensile Load, long term, maximum 750 N | 168.607 lbf

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

Compression 30 N/mm | 171.304 lb/in

Compression Test Method IEC 60794-1-2 E3

Twist 5 cycles

Twist Test Method IEC 60794-1 E7



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Optical Specifications

Fiber Type OM3

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.60 dB/km @ 1,300 nm | 2.30 dB/km @ 850 nm

Standards Compliance IEC 60794-1 | TIA-492AAAC (OM3)

Environmental Specifications

Installation temperature $-5 \,^{\circ}\text{C}$ to $+50 \,^{\circ}\text{C}$ (+23 $^{\circ}\text{F}$ to +122 $^{\circ}\text{F}$)

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

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

EN50575 CPR Cable EuroClass Fire Performance Dca

EN50575 CPR Cable EuroClass Smoke Rating s2

EN50575 CPR Cable EuroClass Droplets Rating d2

EN50575 CPR Cable EuroClass Acidity Rating a1

Environmental Space Low Smoke Zero Halogen (LSZH)

Environmental Test Specifications

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

Temperature Cycle Test Method IEC 60794-1-2 F1

Packaging and Weights

Cable weight 94 kg/km | 63.165 lb/kft

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

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

ROHS Compliant UK-ROHS Compliant



Included Products



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CS-5L-TB

 LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable