760259120 | C-048-LA-8W-M12BL/28G/GRP/E

Fiber indoor/outdoor cable, 48-fiber, ULSZH, loose tube, gel-filled, Singlemode G.652.D and G.657.A1, Meters jacket marking, Blue jacket color. Provides Rodent Resistance

Product Classification

Regional Availability	Australia/New Zealand	EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-LA

General Specifications

Armor Type	Non-metallic rods
Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	4
Jacket Color	Blue
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB SYSTEM F.O.CABLE 760240171 EXT GRP ARMOUR 48X9/125 SINGLE MODE [Serial number] [metre mark]
Fibers per Subunit, quantity	12
Total Fiber Count	48

Dimensions

Cable Length	1000 m	3,280.84 ft
Diameter Over Jacket	15 mm	0.591 in

Mechanical Specifications

Minimum Bend Radius, loaded	465 mm	18.307 in
Minimum Bend Radius, unloaded	350 mm	13.78 in
Tensile Load, long term, maximum	6000 N	1,348.854 lbf
Tensile Load, short term, maximum	9000 N	2,023.281 lbf

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Optical Specifications

Fiber Type   G.652.D and G.657.A1, TeraSPEED® | OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum   0.35 dB/km @ 1,300 nm | 0.35 dB/km @ 1,550 nm | 0.45 dB/km @ 1,310 nm

Standards Compliance   IEC 60794-1 | TIA-492CAAB (OS2)

Environmental Specifications

Installation temperature   -5 °C to +50 °C (+23 °F to +122 °F)

Operating Temperature   -25 °C to +70 °C (-13 °F to +158 °F)

Storage Temperature   -20 °C to +70 °C (-4 °F to +158 °F)

Environmental Space   Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight   230 kg/km | 154.553 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

CS-8W-250-EMEA –   LightScope® ZWP Singlemode Fiber
8W-250um

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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