760254756 | C-024-LA-8W-M12BK/28G/GRP/E

Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® GRP Armoured, Stranded Loose Tube Fiber Optic Cable, 24-fiber, Singlemode OS2, Gel-filled, black. Provides Rodent Resistance.

Product Classification

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

General Specifications

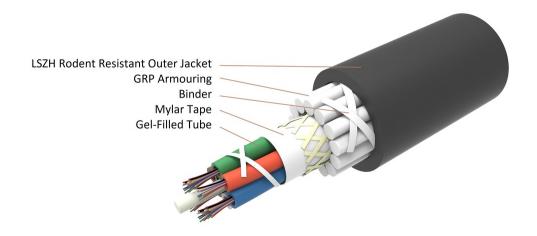|	
Armor Type	Non-metallic rods
Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	2
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 760254756 OS2 SM 24 FIBER EN50575 CLASS Dca [SERIAL NUMBER] [MM /YY] [METRE MARK]
Total Fiber Count	24

Dimensions

Cable Length	2000 m	6,561.68 ft
Buffer Tube/Subunit Diameter	2.8 mm	0.11 in
Diameter Over Jacket	15 mm	0.591 in

Representative Image

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LSZH Rodent Resistant Outer Jacket
GRP Armouring
Binder
Mylar Tape
Gel-Filled Tube

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

Optical Specifications

Fiber Type	G.652.D and G.657.A1

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)
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Low Smoke Zero Halogen (LSZH)

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Packaging and Weights

Cable weight   230 kg/km | 154.553 lb/kft

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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