2-599683-2 | O-012-CA-5K-M12BK/28G/GY/HD

Outside Plant Fiber Optic Cable, HDPE, 12-fiber, Multimode, OM4, loose tube, gel-filled. Provides Rodent Resistance.

Product Classification

Regional Availability	Australia/New Zealand	EMEA
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-CA

General Specifications

Armor Type	Corrugated steel
Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	1
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB SYSTEM F.O. CABLE X-599683-2 CSA GEL LOOSE TUBE 12x50/125 OM4 HDPE (Serial number) (metre mark)
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Cable Length	2000 m	6,561.68 ft
Diameter Over Jacket	10 mm	0.394 in

Material Specifications

Jacket Material	High density polyethylene (HDPE)

Mechanical Specifications

Minimum Bend Radius, loaded	200.7 mm	7.902 in

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Minimum Bend Radius, unloaded	160 mm | 6.299 in
Tensile Load, long term, maximum	625 N | 140.506 lbf
Tensile Load, short term, maximum	1200 N | 269.771 lbf
Flex	25 cycles

Optical Specifications

Fiber Type	OM4, LazrSPEED®

Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,300 nm | 3.50 dB/km @ 850 nm
Standards Compliance	IEC 60794-1 | TIA-492AAAD (OM4)

Environmental Specifications

Installation temperature	-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)

Packaging and Weights

Cable weight	104 kg/km | 69.885 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-5K-LT	–	LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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