1-599627-4　|　C-024-LN-8W-M12YL/28G/E

Fiber Optic Cable, 24-fiber, OS2, 1000 m, yellow

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	Loose tube
Subunit Type	Gel-filled
Filler, quantity	2
Jacket Color	Yellow
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB SYSTEM F.O. CABLE X-599627-4 RODENT RESIST GLT 24X9/125 OS2 [Serial NUMBER] [METER MARK]
Fibers per Subunit, quantity	12
Total Fiber Count	24

Dimensions

Cable Length	1000 m	3,280.84 ft
Diameter Over Jacket	11.5 mm	0.453 in

Mechanical Specifications

Minimum Bend Radius, loaded	231.1 mm	9.098 in
Minimum Bend Radius, unloaded	170.2 mm	6.701 in
Tensile Load, long term, maximum	1201 N	269.996 lbf
Tensile Load, short term, maximum	2002 N	450.068 lbf

Optical Specifications

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Fiber Type	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	126 kg/km	84.668 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

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

COMMSCOPE®