

Fiber Optic Cable, 6-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-CN

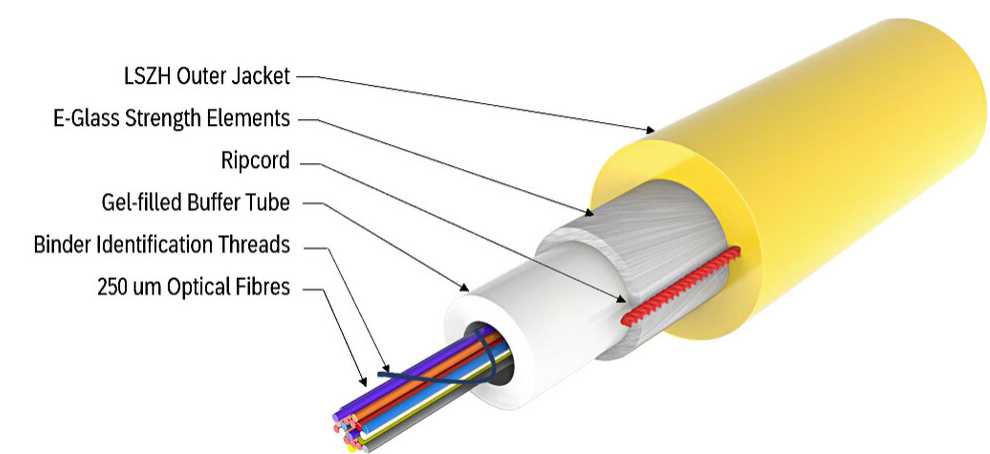
General Specifications

Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	1
Jacket Color	Yellow
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMScope GB SYSTEM F.O. CABLE X-599623-4 INT/EXT RODENT RESIST GLT 6X9/125 OS2 (Serial NUMBER) (METRE MARK)
Fibers per Subunit, quantity	6
Total Fiber Count	6

Dimensions

Cable Length	1000 m 3,280.84 ft
Diameter Over Jacket	6.4 mm 0.252 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	129.5 mm 5.098 in
Minimum Bend Radius, unloaded	80 mm 3.15 in
Tensile Load, long term, maximum	650 N 146.126 lbf
Tensile Load, short term, maximum	1250 N 281.011 lbf

Optical Specifications

Fiber Type	OS2
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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	-20 °C to +70 °C (-4 °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	Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight	48 kg/km 32.255 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
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-LT	- TeraSPEED® G652D/G657A1 Singlemode Fiber
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable