



Outside Plant Fiber Optic Cable, 8-fiber, OS2, HDPE, loose tube, gel-filled, 2000 m, black. 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
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMScope GB SYSTEM F.O. CABLE X-599692-4 CSA GEL LOOSE TUBE 8X9/125 OS2 HDPE (Serial NUMBER) (METRE MARK)
Fibers per Subunit, quantity	8
Total Fiber Count	8

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)
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Mechanical Specifications

Minimum Bend Radius, loaded	200.7 mm   7.902 in
Minimum Bend Radius, unloaded	160 mm   6.299 in

2-599692-4 | O-008-CA-8W-M08BK/28G/GY/HD

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	OS2
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Optical Specifications, Wavelength Specific

Attenuation, maximum	0.25 dB/km @ 1,550 nm   0.37 dB/km @ 1,310 nm
Standards Compliance	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)

Packaging and Weights

Cable weight	104 kg/km   69.885 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



Included Products

CS-8W-250-EMEA 8W-250um	– Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber
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\* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
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