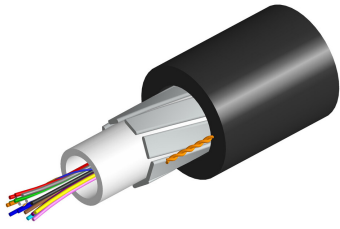


8-769509-4



Outdoor Fiber Optic Cable, 6-fiber, singlemode, OS2, MDPE, loose tube, gel-filled, cut length

Product Classification

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

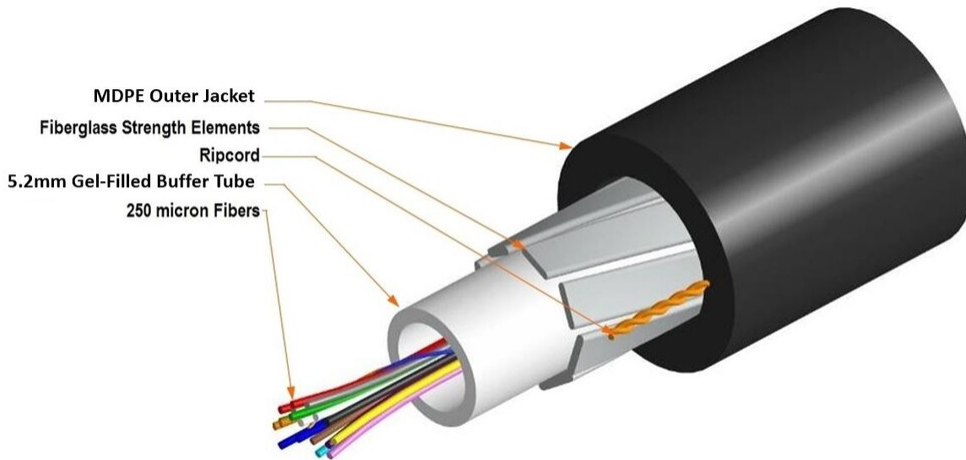
General Specifications

Cable Type	Central loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	6
Total Fiber Count	6

Dimensions

Buffer Tube/Subunit Diameter	5.2 mm 0.205 in
Diameter Over Jacket	8.5 mm 0.335 in

Representative Image



Material Specifications

Jacket Material MDPE

Mechanical Specifications

Minimum Bend Radius, loaded 170 mm | 6.693 in
Minimum Bend Radius, unloaded 85 mm | 3.346 in
Tensile Load, long term, maximum 890 N | 200.08 lbf
Tensile Load, short term, maximum 2700 N | 606.984 lbf
Compression 22 N/mm | 125.623 lb/in
Compression Test Method IEC 60794-1-2 E3
Flex 25 cycles
Strain See long and short term tensile loads
Strain Test Method IEC 60794-1-2-E1

Optical Specifications

Fiber Type G.652.D | OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.40 dB/km @ 1,550 nm | 0.50 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature -30 °C to +60 °C (-22 °F to +140 °F)

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Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space	Outdoor
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5C

Packaging and Weights

Cable weight	60 kg/km 40.318 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable