

Fiber OSP cable, PE, Gel-filled Central Tube, 24 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color

Product Classification

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

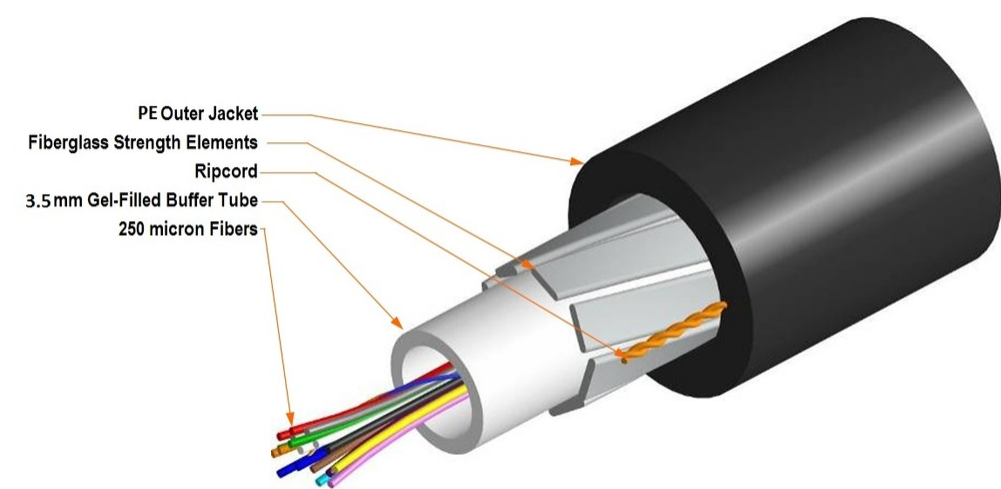
General Specifications

Cable Type	Central loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	24
Total Fiber Count	24

Dimensions

Buffer Tube/Subunit Diameter	2.8 mm 0.11 in
Diameter Over Jacket	6 mm 0.236 in

Representative Image



Material Specifications

Inner Jacket MaterialPE

Mechanical Specifications

Minimum Bend Radius, loaded	120 mm 4.724 in
Minimum Bend Radius, unloaded	60 mm 2.362 in
Tensile Load, long term, maximum	300 N 67.443 lbf
Tensile Load, short term, maximum	1000 N 224.809 lbf
Compression	15 N/mm 85.652 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 TypeG.652.D and G.657.A1 | OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum0.22 dB/km @ 1,550 nm | 0.38 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature-10 °C to +60 °C (+14 °F to +140 °F)

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

Environmental Test Specifications

Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

Packaging and Weights

Cable weight	35 kg/km 23.519 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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable