

Fiber Optic Outside Plant Cable, 48-core, ECSS (Electro Chrome Coated Steel) Armored, Loose-tube, Gel-filled, 9/125 μm , OS2, Singlemode, Black cable jacket

- Designed for use in backbone cabling, campus site cabling, outdoor ducts or direct burial cabling applications
- Designed with a gel filled loose tube construction to ensure protection against moisture ingress

Product Classification

Regional Availability	India
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-LA

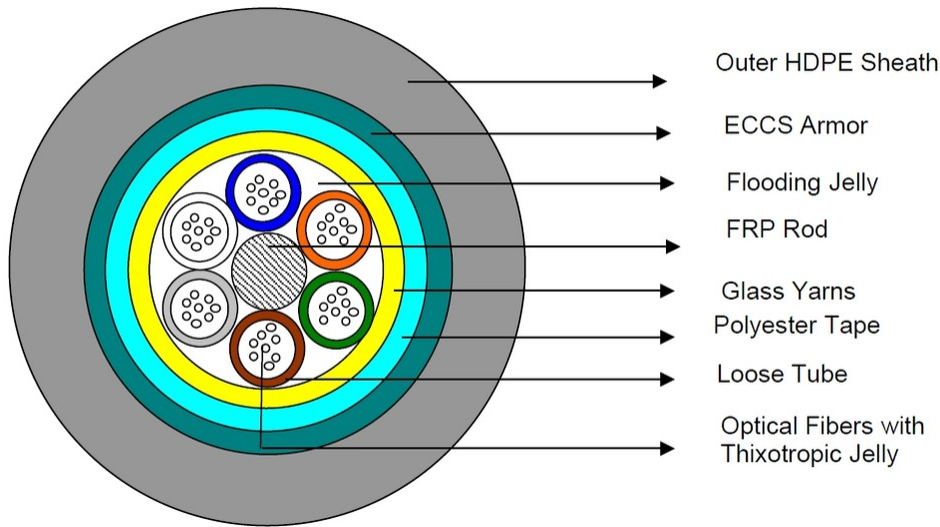
General Specifications

Armor Type	Corrugated steel
Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	0
Jacket Color	Black
Jacket Marking	Meters
Strength Members	Central fiber reinforced polymer (FRP) rod
Fibers per Subunit, quantity	8
Total Fiber Count	48

Dimensions

Cable Length	2000 m 6,561.68 ft
Diameter Over Jacket	15.5 mm 0.61 in

Representative Image



Material Specifications

Jacket Material High density polyethylene (HDPE)

Mechanical Specifications

Minimum Bend Radius, loaded 310 mm | 12.205 in
Minimum Bend Radius, unloaded 248 mm | 9.764 in
Tensile Load, short term, maximum 4000 N | 899.236 lbf
Cable Crush Resistance, maximum 44 N/mm | 251.246 lb/in
Flex 25 cycles

Optical Specifications

Fiber Type OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.22 dB/km @ 1,550 nm | 0.34 dB/km @ 1,310 nm
Standards Compliance ANSI/TIA-568.E-3 | TIA-492CAAB (OS2)

Environmental Specifications

Operating Temperature -20 °C to +70 °C (-4 °F to +158 °F)
Cable Qualification Standards Telcordia GR-20-CORE

Packaging and Weights

Cable weight 215 kg/km | 144.473 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