2120124-4 | 0-024-LA-8M-M06NS/30G/GY



Fiber Optic Outside Plant Cable, 24-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	2
Jacket Color	Black
Jacket Marking	Meters
Strength Members	Central fiber reinforced polymer (FRP) rod
Fibers per Subunit, quantity	24
Total Fiber Count	24
Dimensions	
Cable Length	2000 m 6,561.68 ft
Diameter Over Jacket	15.5 mm 0.61 in

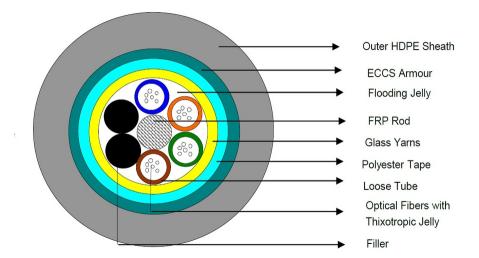
Representative Image

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Material Specifications

Jacket Material

High density polyethylene (HDPE)

Mechanical SpecificationsMinimum Bend Radius, loaded310 mm | 12.205 inMinimum Bend Radius, unloaded248 mm | 9.764 inTensile Load, short term, maximum4000 N | 899.236 lbfCable Crush Resistance, maximum44 N/mm | 251.246 lb/in

Flex

Optical Specifications

Fiber Type

OS2

25 cycles

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)

Packaging and Weights

Cable weight

215 kg/km | 144.473 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



Operating Temperature Specification applicable to non-terminated bulk fiber cable

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