## 2120112-4 | 0-012-LA-8M-M06NS/30G/GY/HD



# Fiber Optic Outdoor 12 Fiber Multi-tube Cable with Corrugated Steel Armoring, OS2, with HDPE 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

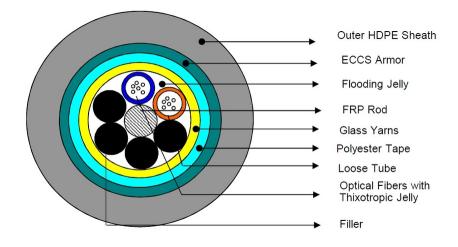
Regional Availability	India
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	0-LA
General Specifications	
Armor Type	Corrugated steel
Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	4
Jacket Color	Black
Jacket Marking	Meters
Strength Members	Central fiber reinforced polymer (FRP) rod
Fibers per Subunit, quantity	6
Total Fiber Count	12
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 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	40 N/mm   228.406 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

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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



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Operating Temperature Specification applicable to non-terminated bulk fiber cable

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