### 2121112-3 | C-012-CA-5Y-M12BK/30G/GY



# Fiber Optic Outdoor 12 Fiber Unitube Cable with Corrugated Steel Armoring, OM3, 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	Asia   EMEA
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-CA
General Specifications	
Armor Type	Corrugated steel
Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	0
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	12
Dimensions	
Cable Length	2000 m   6,561.68
Diameter Over Jacket	10 mm   0.394 in

### Representative Image

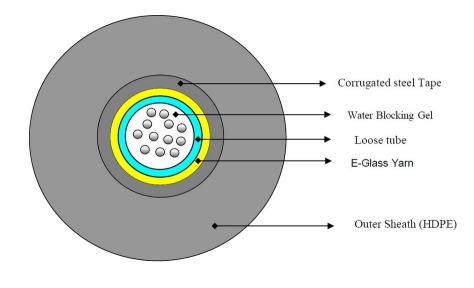
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ft



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#### Material Specifications

Jacket Material High density polyethylene (HDPE)

### Mechanical Specifications

Minimum Bend Radius, loaded	200 mm   7.874 in
Minimum Bend Radius, unloaded	160 mm   6.299 in
Tensile Load, short term, maximum	1300 N   292.252 lbf
Cable Crush Resistance, maximum	30 N/mm   171.304 lb/in
Flex	25 cycles

#### **Optical Specifications**

Fiber Type

OM3

#### Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,300 nm   3.00 dB/km @ 850 nm
Bandwidth, OFL, minimum	1,500 MHz-km @ 850 nm   500 MHz-km @ 1,300 nm
Standards Compliance	ANSI/TIA-568.E-3   TIA-492AAAC (OM3)

#### **Environmental Specifications**

**Operating Temperature** 

-20 °C to +70 °C (-4 °F to +158 °F)

### Packaging and Weights

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#### **Cable weight**

100 kg/km | 67.197 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



**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

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