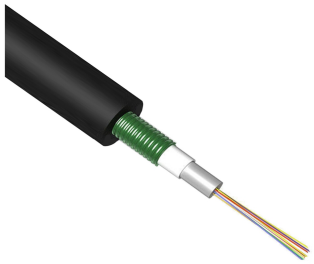
2121106-3 | O-006-CA-5Y-M06BK/30G/GY/HD



Fiber Optic Outdoor 6 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

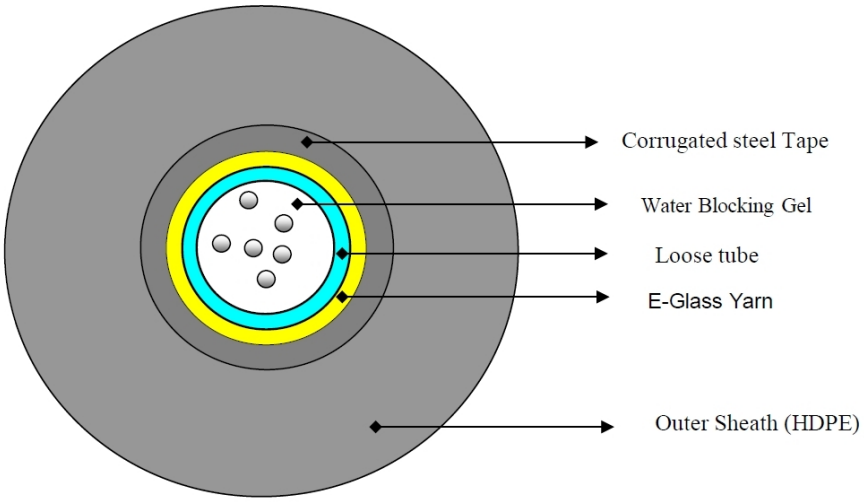
Armor Type	Corrugated steel
Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	0
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	6
Total Fiber Count	6

Dimensions

Cable Length	2000 m | 6,561.68 ft
Diameter Over Jacket	10 mm | 0.394 in

Representative Image

2121106-3 | 0-006-CA-5Y-M06BK/30G/GY/HD



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 @ 1,310 nm | 3.00 dB/km @ 850 nm
Standards Compliance	ANSI/TIA-568.C.3 | IEC 60794-1 | TIA-492CAAB (OS2)

Environmental Specifications

Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)

Packaging and Weights

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

* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable