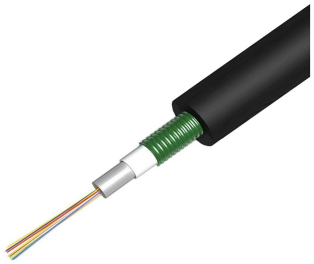
760249704 | O-006-CA-5Y-M06BK/30G/093



PE, Gel Central Tube, CST, FOC, 6F, OM3

Product Classification

Regional Availability	Asia | Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-CA

General Specifications

Cable Type	Central loose tube
Construction Type	Armored
Fiber Type, quantity	6
Fibers per Subunit, quantity	6
Jacket Color	Black
Jacket Marking	Feet
Subunit Type	Gel-filled
Total Fiber Count	6

Dimensions

Buffer Tube/Subunit Diameter	3 mm | 0.118 in
Diameter Over Jacket	9.7 mm | 0.382 in

Mechanical Specifications

Minimum Bend Radius, loaded	194 mm | 7.638 in
Minimum Bend Radius, unloaded	97 mm | 3.819 in
Tensile Load, long term, maximum	800 N | 179.847 lbf
Tensile Load, short term, maximum	2700 N | 606.984 lbf
Compression	20 N/mm | 114.203 lb/in

Compression Test Method	IEC 60794-1-2 E3
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1-2-E1

Optical Specifications

Fiber Type	OM3

Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,300 nm | 3.00 dB/km @ 850 nm

Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Buried | Ducted | Outdoor
Water Penentration	24 h
Water Penentration Test Method	IEC 60794-1 F5B

Environmental Test Specifications

Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

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

* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable