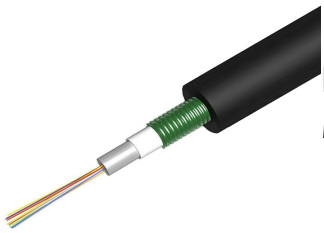
760257828 | O-006-CA-5C-M06BK/28G/093



Fiber OSP cable, PE, Gel-filled Central Tube, CST, 6 fiber, Multimode OM5, Meters jacket marking, Black jacket color

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
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Feet
Fibers per Subunit, quantity	6
Total Fiber Count	6

Dimensions

Buffer Tube/Subunit Diameter	2.8 mm | 0.11 in
Diameter Over Jacket	9.1 mm | 0.358 in

Mechanical Specifications

Minimum Bend Radius, loaded	182 mm | 7.165 in
Minimum Bend Radius, unloaded	91 mm | 3.583 in
Tensile Load, long term, maximum	890 N | 200.08 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
Flex	25 cycles
Strain	See long and short term tensile loads

Strain Test Method	IEC 60794-1-2-E1

Optical Specifications

Fiber Type	OM5

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 Penetration	24 h
Water Penetration 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	92 kg/km | 61.821 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

Included Products

CS-5X-LT-3.0/1.0/093 – OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable