



Fiber OSP cable, PE, Gel-filled Central Tube, CST, 8 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 | Meters |
| Fibers per Subunit, quantity | 8 |
| Total Fiber Count | 8 |

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