

Outdoor Fiber Optic Cable, 6-fiber, multimode, OM4, PE, loose tube, gel-filled, cut length

OBSOLETE

This product was discontinued on: October 30, 2022

Replaced By:

760249698 Fiber OSP cable, PE, Gel-filled Central Tube, All-dielectric, 6 fiber, Multimode OM4, Meters
O-006-CN-5X-M06BK/28G/093 jacket marking, Black jacket color

Product Classification

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

General Specifications

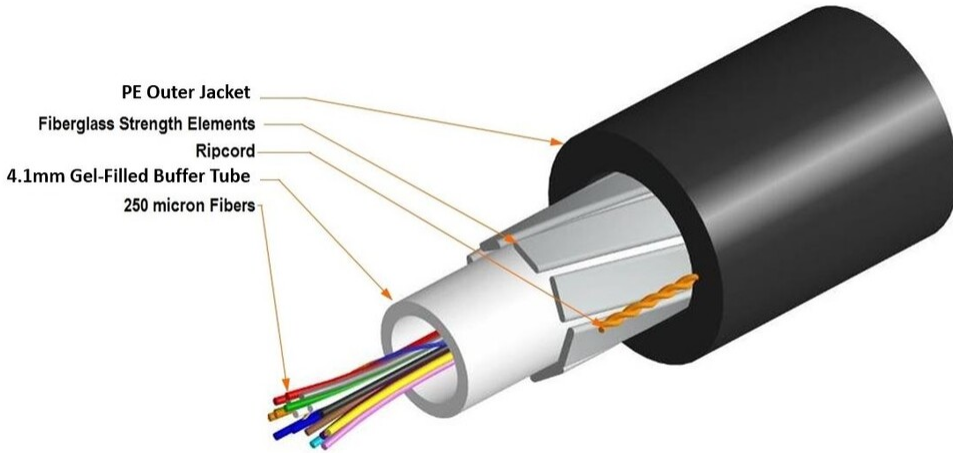
| | |
|-------------------------------------|--------------------|
| Cable Type | Central loose tube |
| Construction Type | Non-armored |
| Subunit Type | Gel-filled |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Fibers per Subunit, quantity | 6 |
| Total Fiber Count | 6 |

Dimensions

| | |
|-------------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 4.1 mm 0.161 in |
| Diameter Over Jacket | 7.5 mm 0.295 in |

8-1427450-5

Representative Image



Material Specifications

Jacket Material PE

Mechanical Specifications

Minimum Bend Radius, loaded 150 mm | 5.906 in
Minimum Bend Radius, unloaded 75 mm | 2.953 in
Tensile Load, long term, maximum 600 N | 134.885 lbf
Tensile Load, short term, maximum 1500 N | 337.214 lbf
Compression 10 N/mm | 57.101 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 OM4

Optical Specifications, Wavelength Specific

Attenuation, maximum 1.50 dB/km @ 1,300 nm | 3.50 dB/km @ 850 nm

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Environmental Specifications

| | |
|--------------------------------------|--------------------------------------|
| Installation temperature | -20 °C to +60 °C (-4 °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 F5C |

Packaging and Weights

| | |
|---------------------|--------------------------|
| Cable weight | 48 kg/km 32.255 lb/kft |
|---------------------|--------------------------|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable