

Fiber OSP cable, PE, Gel-filled Central Tube, All-dielectric, 2 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-CN                         |

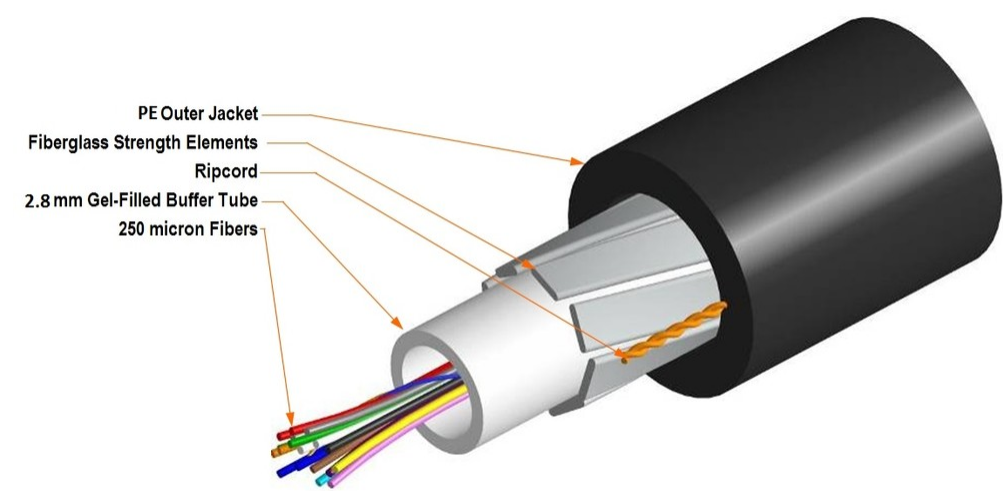
## General Specifications

|                              |                    |
|------------------------------|--------------------|
| Cable Type                   | Central loose tube |
| Construction Type            | Non-armored        |
| Subunit Type                 | Gel-filled         |
| Jacket Color                 | Black              |
| Jacket Marking               | Meters             |
| Fibers per Subunit, quantity | 4                  |
| Total Fiber Count            | 2                  |

## Dimensions

|                              |                  |
|------------------------------|------------------|
| Buffer Tube/Subunit Diameter | 2.8 mm   0.11 in |
| Diameter Over Jacket         | 6 mm   0.236 in  |

## Representative Image



Material Specifications

Inner Jacket MaterialPE

Mechanical Specifications

Minimum Bend Radius, loaded120 mm | 4.724 in

Minimum Bend Radius, unloaded60 mm | 2.362 in

Tensile Load, long term, maximum300 N | 67.443 lbf

Tensile Load, short term, maximum1000 N | 224.809 lbf

Compression15 N/mm | 85.652 lb/in

Compression Test MethodIEC 60794-1-2 E3

Flex25 cycles

StrainSee long and short term tensile loads

Strain Test MethodIEC 60794-1-2-E1

Optical Specifications

Fiber TypeOM5

Optical Specifications, Wavelength Specific

Attenuation, maximum1.00 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 F5C                      |

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 | 35 kg/km   23.519 lb/kft |
|--------------|--------------------------|

Regulatory Compliance/Certifications

| Agency     | Classification   |
|------------|--|
| CHINA-ROHS | Below maximum concentration value  |
| REACH-SVHC | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS       | Compliant  |
| UK-ROHS    | Compliant  |



\* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable