

Fiber OSP cable, PE, Gel-filled Central Tube, All-dielectric, 24 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 |

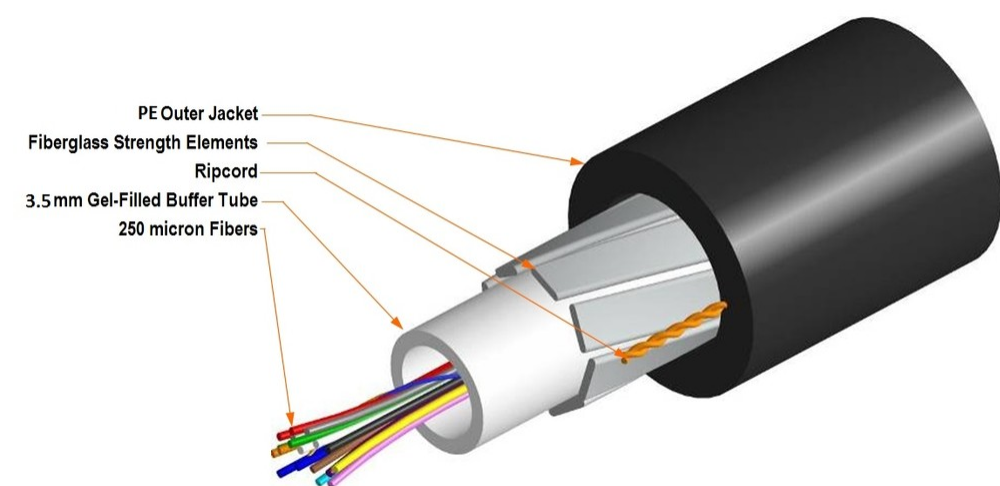
General Specifications

| | |
|------------------------------|--------------------|
| Cable Type | Central loose tube |
| Construction Type | Non-armored |
| Subunit Type | Gel-filled |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Fibers per Subunit, quantity | 24 |
| Total Fiber Count | 24 |

Dimensions

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

Representative Image



Material Specifications

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 www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable