



Fiber indoor/outdoor cable, Gel-filled Central Tube, 24 fiber, Multimode OM3, Meters jacket marking, Black jacket color

## Product Classification

|                              |                              |
|------------------------------|------------------------------|
| <b>Regional Availability</b> | Asia   Australia/New Zealand |
| <b>Portfolio</b>             | CommScope®                   |
| <b>Product Type</b>          | Fiber indoor/outdoor cable   |
| <b>Product Series</b>        | Z-CN                         |

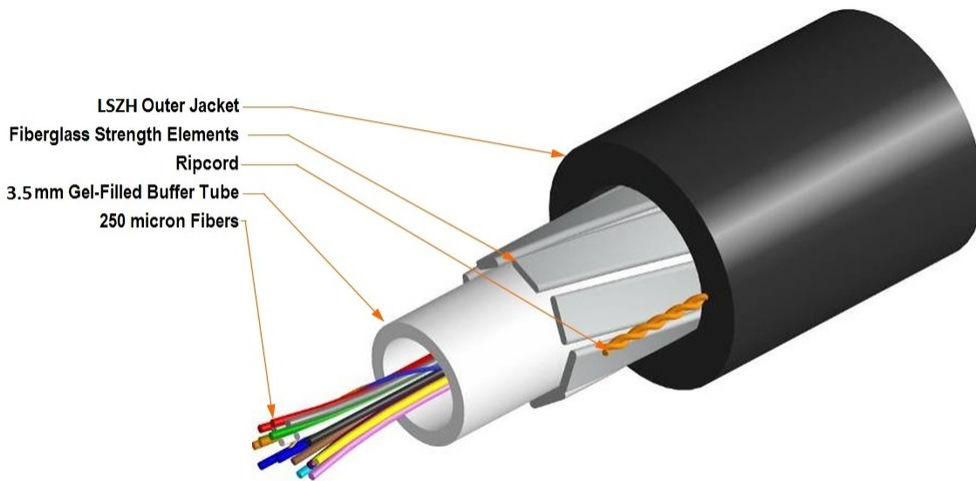
## General Specifications

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

## Dimensions

|                                     |                  |
|-------------------------------------|------------------|
| <b>Buffer Tube/Subunit Diameter</b> | 2.8 mm   0.11 in |
| <b>Diameter Over Jacket</b>         | 7 mm   0.276 in  |

## Representative Image



## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 140 mm   5.512 in                     |
| <b>Minimum Bend Radius, unloaded</b>     | 70 mm   2.756 in                      |
| <b>Tensile Load, long term, maximum</b>  | 800 N   179.847 lbf                   |
| <b>Tensile Load, short term, maximum</b> | 1800 N   404.656 lbf                  |
| <b>Compression</b>                       | 15 N/mm   85.652 lb/in                |
| <b>Compression Test Method</b>           | IEC 60794-1-2 E3                      |
| <b>Strain</b>                            | See long and short term tensile loads |
| <b>Strain Test Method</b>                | IEC 60794-1-2-E1                      |

## Optical Specifications

|                   |     |
|-------------------|-----|
| <b>Fiber Type</b> | OM3 |
|-------------------|-----|

## Optical Specifications, Wavelength Specific

|                             |   |
|-----------------------------|---|
| <b>Attenuation, maximum</b> | 1.00 dB/km @ 1,300 nm   3.00 dB/km @ 850 nm |
|-----------------------------|---|

## Environmental Specifications

|                                 |                                      |
|---------------------------------|--------------------------------------|
| <b>Installation temperature</b> | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>Operating Temperature</b>    | -40 °C to +70 °C (-40 °F to +158 °F) |
| <b>Storage Temperature</b>      | -40 °C to +70 °C (-40 °F to +158 °F) |
| <b>Environmental Space</b>      | Low Smoke Zero Halogen (LSZH)        |
| <b>Flame Test Method</b>        | IEC 60332-1                          |

## Environmental Test Specifications

|                                      |                                     |
|--------------------------------------|-------------------------------------|
| <b>Temperature Cycle</b>             | -20 °C to +70 °C (-4 °F to +158 °F) |
| <b>Temperature Cycle Test Method</b> | IEC 60794-1-2 F1                    |

## Packaging and Weights

|                     |                          |
|---------------------|--------------------------|
| <b>Cable weight</b> | 65 kg/km   43.678 lb/kft |
|---------------------|--------------------------|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| 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