# 760249714 | C-012-CN-5Y-M12BK/28G/093



Fiber indoor/outdoor cable, Gel-filled Central Tube, 12 fiber, Multimode OM3, Meters jacket marking, Black jacket color

## Product Classification

| Regional Availability        | Asia   Australia/New Zealand |
|------------------------------|------------------------------|
| Portfolio                    | CommScope®                   |
| Product Type                 | Fiber indoor/outdoor cable   |
| Product Series               | Z-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 | 12                           |
| Total Fiber Count            | 12                           |
| Dimensions                   |                              |
| Buffer Tube/Subunit Diameter | 2.8 mm   0.11 in             |
| Diameter Over Jacket         | 7 mm   0.276 in              |

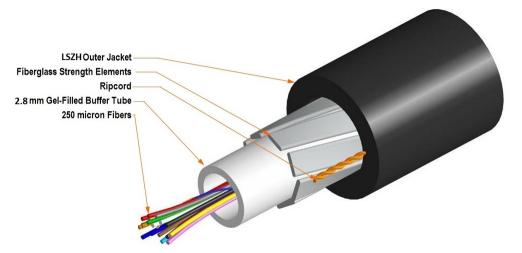
## Representative Image

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#### Mechanical Specifications

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

#### **Optical Specifications**

Fiber Type

OM3

#### 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      | Low Smoke Zero Halogen (LSZH)        |
| Flame Test Method        | IEC 60332-1                          |

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#### **Environmental Test Specifications**

| Temperature Cycle                    |   | -40 °C to +70 °C (-40 °F to +158 °F) |  |
|--------------------------------------|---|--------------------------------------|--|
| Temperature Cycle Test N             | lethod  | IEC 60794-1-2 F1                     |  |
| Packaging and Weights                |   |                                      |  |
| Cable weight                         |   | 58 kg/km   38.974 lb/kft             |  |
| Regulatory Compliance/Certifications |   |                                      |  |
| Agency                               | Classification  |                                      |  |
| REACH-SVHC                           | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |                                      |  |

## \* Footnotes

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

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