# 760252034 | 0-002-CA-5X-M02BK/28G/093



Fiber OSP cable, PE, Gel-filled Central Tube, CST, 2 fiber, Multimode OM4, Meters jacket marking, Black jacket color

### Product Classification

| Regional Availability             | Asia   Australia/New Zealand          |
|-----------------------------------|---------------------------------------|
| Portfolio                         | CommScope®                            |
| Product Type                      | Fiber OSP cable                       |
| Product Series                    | O-CA                                  |
| General Specifications            |                                       |
| Cable Type                        | Central loose tube                    |
| Construction Type                 | 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              | 9.1 mm   0.358 in                     |
| Mechanical Specifications         |                                       |
| Minimum Bend Radius, loaded       | 182 mm   7.165 in                     |
| Minimum Bend Radius, unloaded     | 91 mm   3.583 in                      |
| Tensile Load, long term, maximum  | 890 N   200.08 lbf                    |
| Tensile Load, short term, maximum | 2700 N   606.984 lbf                  |
| Compression                       | 20 N/mm   114.203 lb/in               |
| Compression Test Method           | IEC 60794-1-2 E3                      |
| Flex                              | 25 cycles                             |
| Strain                            | See long and short term tensile loads |

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| Strain Test Method                          | IEC 60794-1-2-E1                            |  |
|---|---|--|
| Optical Specifications                      |   |  |
| Fiber Type                                  | OM4   |  |
| 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                         | Buried   Ducted   Outdoor                   |  |
| Water Penetration                           | 24 h  |  |
| Water Penetration Test Method               | IEC 60794-1 F5B                             |  |
| 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                                | 92 kg/km   61.821 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   |
|            |   |



#### Included Products

CS-5X-LT-3.0/1.0/093 - OM4 Bend-Insensitive Multimode Fiber

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### \* Footnotes

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

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