Indoor/Outdoor Fiber Optic Cable, Dry, 12-fiber, singlemode, OS2, OFNP, loose tube, dry, black

Product Classification

| Regional Availability | Asia Latin America |
|---|----------------------------|
| Portfolio | CommScope® |
| Product Type | Fiber indoor/outdoor cable |
| Product Series | C-DS |
| General Specifications | |
| Cable Type | Loose tube |
| Subunit Type | Gel-free |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 12 |
| Dimensions | |
| Diameter Over Jacket | 7 mm 0.276 in |
| Mechanical Specifications | |
| Minimum Bend Radius, loaded | 142.2 mm 5.598 in |
| Minimum Bend Radius, unloaded | 71 mm 2.795 in |
| Tensile Load, long term, maximum | 400 N 89.924 lbf |
| Tensile Load, short term, maximum | 1334 N 299.895 lbf |
| Optical Specifications | |
| Fiber Type | 0S2 |
| Optical Specifications, Wavelength Specific | |

| Attenuation, maximum | 0.30 dB/km @ 1,550 nm 0.40 dB/km @ 1,310 nm | |
|----------------------|---|----------|
| Standards Compliance | ANSI/TIA-568.B.1 ANSI/TIA-568.B.2 TIA-492CA | AB (OS2) |

Environmental Specifications

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| Installation temperature | 0 °C to +60 °C (+32 °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 | Plenum |

Packaging and Weights

Cable weight

53 kg/km | 35.614 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

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