

Indoor/Outdoor Fiber Optic Cable, 24-fiber, OFCP, ILJA, singlemode

Product Classification

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|------------------------------|----------------------------|
| Regional Availability | Asia Latin America |
| Portfolio | CommScope® |
| Product Type | Fiber indoor/outdoor cable |
| Product Series | C-DS |

General Specifications

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|-------------------------------------|-----------------------|
| Armor Type | Interlocking aluminum |
| Cable Type | Loose tube |
| Subunit Type | Gel-free |
| Filler, quantity | 3 |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 24 |

Dimensions

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|-----------------------------|--------------------|
| Diameter Over Jacket | 15.9 mm 0.626 in |
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Mechanical Specifications

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|--|----------------------|
| Minimum Bend Radius, loaded | 394 mm 15.512 in |
| Minimum Bend Radius, unloaded | 198.1 mm 7.799 in |
| Tensile Load, long term, maximum | 800 N 179.847 lbf |
| Tensile Load, short term, maximum | 2669 N 600.015 lbf |

Optical Specifications

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|-------------------|-----|
| Fiber Type | OS2 |
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Optical Specifications, Wavelength Specific

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|-----------------------------|---|
| 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-492CAAB (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

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|---------------------|----------------------------|
| Cable weight | 302 kg/km 202.935 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