



Fiber indoor/outdoor cable, 12-fiber, OM4, ULSZH, armored loose tube, gel-filled, Meters jacket marking, Black jacket color

Product Classification

| | |
|------------------------------|-------------------------------------|
| Regional Availability | Asia Australia/New Zealand EMEA |
| Portfolio | CommScope® |
| Product Type | Fiber indoor/outdoor cable |
| Product Series | C-CA |

General Specifications

| | |
|-------------------------------------|---|
| Armor Type | Corrugated steel |
| Cable Type | Loose tube |
| Subunit Type | Gel-filled |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Jacket Marking Method | Inkjet |
| Jacket Marking Text | COMMSCOPE GB OPTICAL CABLE 760242754 12X50/125 OM4 ULSZH (Serial NUMBER) (METRE MARK) |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 12 |

Dimensions

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|-------------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 2.8 mm 0.11 in |
| Diameter Over Jacket | 10.5 mm 0.413 in |

Mechanical Specifications

| | |
|--|-------------------------|
| Minimum Bend Radius, loaded | 210 mm 8.268 in |
| Minimum Bend Radius, unloaded | 125 mm 4.921 in |
| Tensile Load, short term, maximum | 2700 N 606.984 lbf |
| Cable Crush Resistance, maximum | 30 N/mm 171.304 lb/in |
| Compression Test Method | IEC 60794-1 E3 |

760242754 | C-012-CA-5K-M12BK/28G

Impact 5 N-m | 44.254 in lb

Impact Test Method IEC 60794-1 E4

Twist 5 cycles

Twist Test Method IEC 60794-1 E7

Optical Specifications

Fiber Type OM4, LazrSPEED® | OM4, LazrSPEED®

Optical Specifications, Wavelength Specific

Attenuation, maximum 1.00 dB/km @ 1,300 nm | 3.50 dB/km @ 850 nm

Standards Compliance IEC 60794-1 | TIA-492AAAD (OM4)

Environmental Specifications

Operating Temperature -30 °C to +70 °C (-22 °F to +158 °F)

Environmental Space Universal Low Smoke Zero Halogen (ULSZH)

Jacket UV Resistance UV stabilized

Water Penetration 24 h

Water Penetration Test Method IEC 60794-1 F5

Environmental Test Specifications

Temperature Cycle Test Method IEC 60794-1 F1

Packaging and Weights

Cable weight 147 kg/km | 98.779 lb/kft

Included Products

CS-5K-LT – LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable