

Fiber indoor/outdoor cable, TeraSPEED®, Single Jacket/Single Armor, 90 min Fire Survival, Low Smoke Zero Halogen (LSZH), 24 fiber, Singlemode G.652.D and G.657.A1, Gel-Filled, Stranded Loose Tube, Black jacket color, Meters cable marking

Product Classification

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

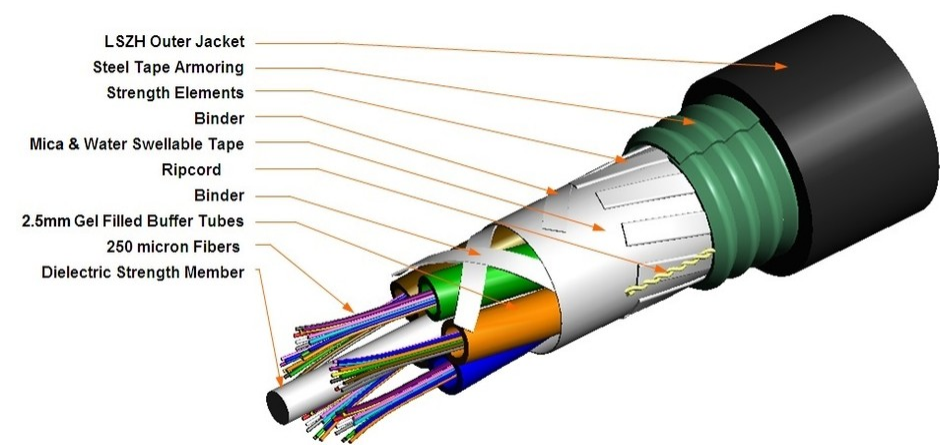
General Specifications

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|------------------------------|---|
| Armor Type | Corrugated steel |
| Cable Type | Stranded loose tube |
| Construction Type | Armored |
| Subunit Type | Gel-filled |
| Filler, quantity | 4 |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Jacket Marking Method | Inkjet |
| Jacket Marking Text | COMMScope GB OPTICAL CABLE 760245383 24x9/125 G652D ULSZH [Serial number] [metre mark] |
| Subunit, quantity | 2 |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 24 |

Dimensions

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|------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 2.5 mm 0.098 in |
| Diameter Over Jacket | 14 mm 0.551 in |

Representative Image



Mechanical Specifications

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|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded | 330 mm 12.992 in |
| Minimum Bend Radius, unloaded | 200 mm 7.874 in |
| Tensile Load, long term, maximum | 1200 N 269.771 lbf |
| Tensile Load, short term, maximum | 4000 N 899.236 lbf |
| Compression | 20 N/mm 114.203 lb/in |
| Compression Test Method | IEC 60794-1 E3 |
| Impact | 5 N-m 44.254 in lb |
| Impact Test Method | IEC 60794-1 E4 |
| Strain | See long and short term tensile loads |
| Strain Test Method | IEC 60794-1 E1 |
| Twist | 5 cycles |
| Twist Test Method | IEC 60794-1 E7 |

Optical Specifications

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| Fiber Type | G.652.D and G.657.A1, TeraSPEED® OS2 |
|------------|--|

Environmental Specifications

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|-----------------------|--------------------------------------|
| Operating Temperature | -30 °C to +70 °C (-22 °F to +158 °F) |
| Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |

760245383 | C-024-LA-8W-M12BK/25G/GY/FS/B

| | |
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| Cable Qualification Standards | EN 187105 IEC 60794-1-2 |
| EN50575 CPR Cable EuroClass Fire Performance | B2ca |
| EN50575 CPR Cable EuroClass Smoke Rating | s1a |
| EN50575 CPR Cable EuroClass Droplets Rating | d0 |
| EN50575 CPR Cable EuroClass Acidity Rating | a1 |
| Environmental Space | Aerial, lashed Buried Low Smoke Zero Halogen (LSZH) |
| Flame Test Method | IEC 60331-25 IEC 60332-1 IEC 60332-3-24 IEC 60754-1 IEC 60754-2 IEC 61034-2 NES 713 (<=5 - jacket material only) |
| Jacket UV Resistance | UV stabilized |
| Water Penetration | 24 h |
| Water Penetration Test Method | IEC 60794-1 F5 |

Environmental Test Specifications

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|-------------------------------|-------------------------------------|
| Low High Bend Test Method | IEC 60794-1 E11 |
| Temperature Cycle | -20 °C to +70 °C (-4 °F to +158 °F) |
| Temperature Cycle Test Method | IEC 60794-1 F1 |

Packaging and Weights

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|--------------|----------------------------|
| Cable weight | 240 kg/km 161.273 lb/kft |
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Included Products

CS-8W-250-EMEA – LightScope® ZWP Singlemode Fiber
8W-250um

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable