

Fiber Indoor/outdoor Cable, Low Smoke Zero Halogen / 6 fiber Microsheath, Gel-free ,Singlemode , Meters jacket marking, Black jacket color, B2ca flame rating

Product Classification

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

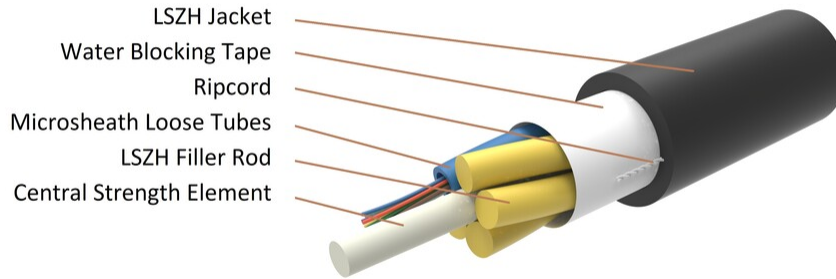
General Specifications

| | |
|-------------------------------------|---------------------------------------------------------------------------------------------------------|
| Cable Type | Stranded microsheath tube |
| Subunit Type | Gel-free |
| Filler, quantity | 4 |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Jacket Marking Method | Inkjet |
| Jacket Marking Text | COMMSCOPE GB OPTICAL CABLE 760256137 6 x G652D 9/125 EN50575 CLASS B ULSZH [Serial number] [metre mark] |
| Subunit, quantity | 1 |
| Fibers per Subunit, quantity | 6 |
| Total Fiber Count | 6 |

Dimensions

| | |
|-------------------------------------|----------------------|
| Cable Length | 2000 m 6,561.68 ft |
| Buffer Tube/Subunit Diameter | 1.5 mm 0.059 in |
| Diameter Over Jacket | 6.7 mm 0.264 in |

Representative Image



Mechanical Specifications

| | |
|------------------------------------------|------------------------|
| Minimum Bend Radius, loaded | 150 mm 5.906 in |
| Minimum Bend Radius, unloaded | 100 mm 3.937 in |
| Tensile Load, long term, maximum | 150 N 33.721 lbf |
| Tensile Load, short term, maximum | 480 N 107.908 lbf |
| Cable Crush Resistance, maximum | 10 N/mm 57.101 lb/in |
| Compression Test Method | IEC 60794-1-21 E3 |
| Impact | 2 N-m 17.701 in lb |
| Impact Test Method | IEC 60794-1-21 E4 |
| Strain Test Method | IEC 60794-1-21 E1 |
| Twist | 5 cycles |
| Twist Test Method | IEC 60794-1 E7 |

Optical Specifications

| | |
|-------------------|----------------------|
| Fiber Type | G.652.D and G.657.A1 |
|-------------------|----------------------|

Optical Specifications, Wavelength Specific

| | |
|-----------------------------|-----------------------------------------------------------------------|
| Attenuation, maximum | 0.25 dB/km @ 1,550 nm 0.27 dB/km @ 1,625 nm 0.36 dB/km @ 1,310 nm |
|-----------------------------|-----------------------------------------------------------------------|

Environmental Specifications

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

760256137 | C-006-LN-8W-M12BK/15D/B2

| | |
|-----------------------------------------------------|------------------------------------------|
| 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 | Universal Low Smoke Zero Halogen (ULSZH) |
| Water Penetration Test Method | IEC 60794-1 F5 |

Environmental Test Specifications

| | |
|--------------------------------------|--------------------------------------|
| Temperature Cycle | -40 °C to +70 °C (-40 °F to +158 °F) |
| Temperature Cycle Test Method | IEC 60794-1-22 F1 |

Packaging and Weights

| | |
|---------------------|--------------------------|
| Cable weight | 49 kg/km 32.926 lb/kft |
|---------------------|--------------------------|

Included Products

CS-8W-LT – TeraSPEED® G652D/G657A1 Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable