

Fiber Indoor/Outdoor Drop Cable, FTTH, 2 fibers, Singlemode, G.657.A2, Gel-free, Meters jacket marking, Yellow jacket color, Dca Flame Rating

Product Classification

| | |
|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA North America |
| Portfolio | CommScope® |
| Product Type | Fiber drop cable |
| Product Series | L-DN |

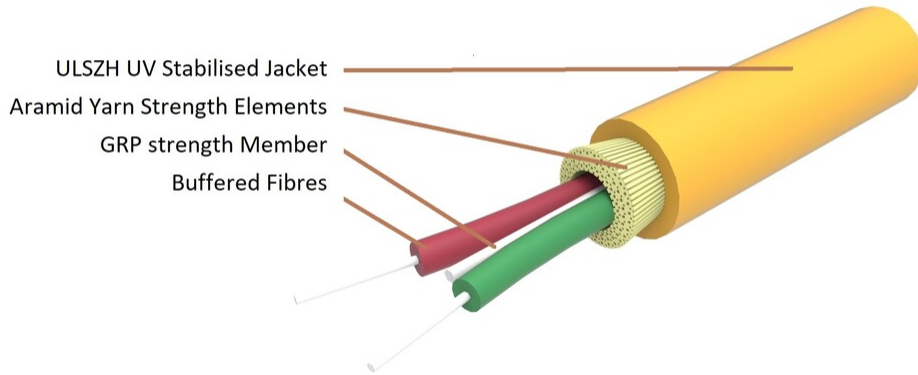
General Specifications

| | |
|-------------------------------------|---|
| Cable Type | Drop Semi-tight buffer |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Color | Yellow |
| Jacket Marking | Meters |
| Jacket Marking Method | Inkjet |
| Jacket Marking Text | COMMSCOPE GB OPTICAL CABLE 810009885/DB 2xG657A2 SM LSZH EN50575 CLASS D (Serial NUMBER) (METRE MARK) |
| Subunit, quantity | 2 |
| Fibers per Subunit, quantity | 1 |
| Total Fiber Count | 2 |

Dimensions

| | |
|-------------------------------------|-----------------------|
| Cable Length | 2,000 m 6,561.68 ft |
| Buffer Tube/Subunit Diameter | 0.9 mm 0.035 in |
| Diameter Over Jacket | 4 mm 0.157 in |

Representative Image



Material Specifications

Jacket Material Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, unloaded 60 mm | 2.362 in

Tensile Load, long term, maximum 600 N | 134.885 lbf

Tensile Load, short term, maximum 1200 N | 269.771 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 Test Method IEC 60794-1 E1

Twist 5 cycles

Twist Test Method IEC 60794-1 E7

Optical Specifications

Fiber Type G.657.A2, TeraSPEED®

Environmental Specifications

Installation temperature -30 °C to +60 °C (-22 °F to +140 °F)

Operating Temperature -30 °C to +60 °C (-22 °F to +140 °F)

| | |
|---|---|
| Storage Temperature | -30 °C to +60 °C (-22 °F to +140 °F) |
| Cable Qualification Standards | IEC 60794-1-2 |
| EN50575 CPR Cable EuroClass Fire Performance | Dca |
| EN50575 CPR Cable EuroClass Smoke Rating | s1a |
| EN50575 CPR Cable EuroClass Droplets Rating | d0 |
| EN50575 CPR Cable EuroClass Acidity Rating | a1 |
| Environmental Space | Drop Ducted Façade Indoor/Outdoor UV resistant for outdoor and Low Smoke Zero Halogen |
| Jacket UV Resistance | UV stabilized |
| Water Penetration | 24 h |
| Water Penetration Test Method | IEC 60794-1 F5 |

Environmental Test Specifications

| | |
|--------------------------------------|--------------------------------------|
| Temperature Cycle | -30 °C to +60 °C (-22 °F to +140 °F) |
| Temperature Cycle Test Method | IEC 60794-1-2 F1 |

Packaging and Weights

| | |
|---------------------|--------------------------|
| Cable weight | 20 kg/km 13.439 lb/kft |
|---------------------|--------------------------|

Included Products

| | | |
|----------|---|--|
| CS-8G-TB | - | Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2) |
|----------|---|--|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable