

Fiber drop cable, FTTH, 1 fiber, Singlemode G.657.A2, Gel-filled, Meters jacket marking, Black jacket color, Dca flame rating

Product Classification

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

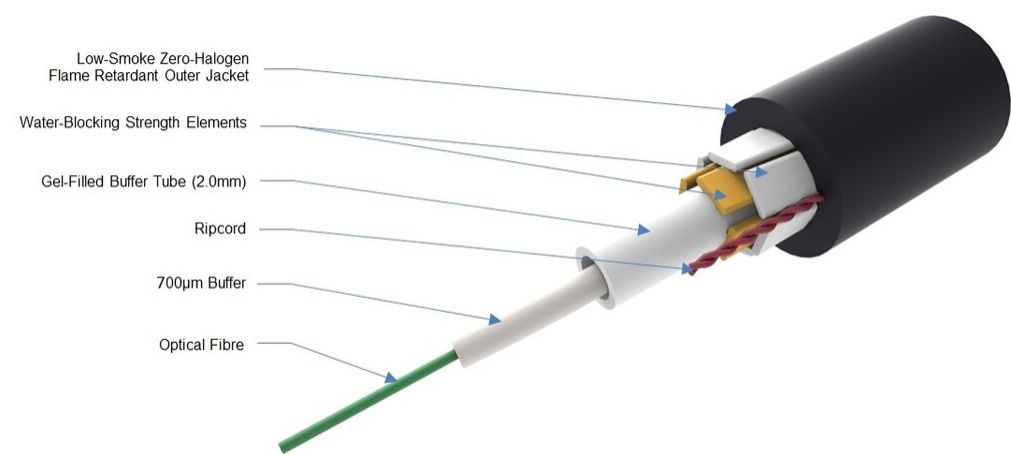
General Specifications

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|------------------------------|--|
| Cable Type | Drop |
| Subunit Type | Gel-filled |
| Inner Jacket Color | White |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Jacket Marking Method | Inkjet |
| Jacket Marking Text | COMMScope GB [YYYY] 1F.O. 10.D-7 A2 EXT V7 MOVISTAR Class Dca-s2, d1,a1 [Serial NUMBER] (MM/YY) [METRES] M |
| Subunit, quantity | 1 |
| Fibers per Subunit, quantity | 1 |
| Total Fiber Count | 1 |

Dimensions

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|------------------------------|-----------------|
| Buffer Tube/Subunit Diameter | 2 mm 0.079 in |
| Diameter Over Jacket | 5 mm 0.197 in |

Representative Image



Mechanical Specifications

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|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded | 75 mm 2.953 in |
| Minimum Bend Radius, unloaded | 25 mm 0.984 in |
| Tensile Load, long term, maximum | 200 N 44.962 lbf |
| Tensile Load, short term, maximum | 1200 N 269.771 lbf |
| Compression | 10 N/mm 57.101 lb/in |
| Compression Test Method | IEC 60794-1 E3 |
| Flex | 20 cycles |
| Flex Test Method | IEC 60794-1 E6 |
| Impact | 2 N-m 17.701 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 | 10 cycles |
| Twist Test Method | IEC 60794-1 E7 |

Optical Specifications

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|------------|----------------------|
| Fiber Type | G.657.A2, TeraSPEED® |
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Environmental Specifications

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|--------------------------|--------------------------------------|
| Installation temperature | 0 °C to +60 °C (-32 °F to +140 °F) |
| Operating Temperature | -25 °C to +70 °C (-13 °F to +158 °F) |

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| | |
|--|--|
| Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Cable Qualification Standards | IEC 60794-1-2 |
| EN50575 CPR Cable EuroClass Fire Performance | Dca |
| EN50575 CPR Cable EuroClass Smoke Rating | s2 |
| EN50575 CPR Cable EuroClass Droplets Rating | d1 |
| EN50575 CPR Cable EuroClass Acidity Rating | a1 |
| Environmental Space | Drop Outdoor UV resistant for outdoor and Low Smoke Zero Halogen |
| Jacket UV Resistance | UV stabilized |
| Water Penetration | 336 h |
| Water Penetration Test Method | IEC 60794-1 F5 |

Environmental Test Specifications

| | |
|-------------------------------|--------------------------------------|
| Temperature Cycle | -25 °C to +70 °C (-13 °F to +158 °F) |
| Temperature Cycle Test Method | IEC 60794-1-22 F1 |

Packaging and Weights

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|--------------|--------------------------|
| Cable weight | 30 kg/km 20.159 lb/kft |
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Included Products

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

Operating Temperature Specification applicable to non-terminated bulk fiber cable