

760248822 | B-096-LN-8F-M12BK/15G-NL99



Fiber OSP cable, LightScope® ZWP Blown Mini Single Jacket, 96 fiber, All-Dielectric Outdoor Stranded Loose Tube Arid-Core™ Construction, Singlemode G.657.A1, Gel-filled, Meters jacket marking, Black jacket color, Fca flame rating

Blown Mini Single Jacket All-Dielectric Outdoor Stranded Loose Tube Arid-Core® Construction Cable for Amadys - Buffer Tubes: (1)Rd, (2)Wh, (3)Y, (4)Bl, (5)Gr, (6)V, (7)Br, (8)Blk - Fiber Colors: Red, White, Yellow, Blue, Green, Violet, Brown, Black, Orange, Aqua, Pink, Grey

Product Classification

| | |
|------------------------------|-----------------|
| Regional Availability | Europe |
| Portfolio | CommScope® |
| Product Type | Fiber OSP cable |
| Product Series | B-LN |

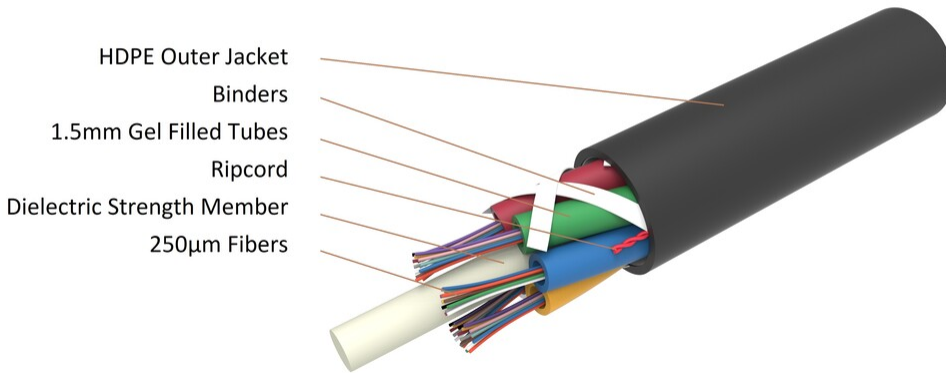
General Specifications

| | |
|-------------------------------------|--|
| Cable Type | Stranded loose tube |
| Construction Type | Non-armored |
| Subunit Type | Gel-filled |
| Filler, quantity | 0 |
| Jacket Color | Black |
| Jacket Marking | Custom printing |
| Jacket Marking Method | Laser |
| Jacket Marking Text | 96 x SM G.657A1 - MICROFOCUS - INFRACONCEPTS LTMC 404237 (SERIAL NUMBER) MM/YYYY XXXXXX M |
| Subunit, quantity | 8 |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 96 |

Dimensions

| | |
|-------------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 1.5 mm 0.059 in |
| Diameter Over Jacket | 6.5 mm 0.256 in |

Representative Image



Material Specifications

Jacket Material High density polyethylene (HDPE)

Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 130 mm 5.118 in |
| Minimum Bend Radius, unloaded | 98 mm 3.858 in |
| Tensile Load, long term, maximum | 250 N 56.202 lbf |
| Tensile Load, short term, maximum | 1000 N 224.809 lbf |
| Compression | 5 N/mm 28.551 lb/in |
| Compression Test Method | IEC 60794-1-21 E3 |
| Flex | 25 cycles |
| Flex Test Method | IEC 60794-1 E6 |
| Impact | 5 N-m 44.254 in lb |
| Impact Test Method | IEC 60794-1-21 E4 |
| Strain | See long and short term tensile loads |
| Strain Test Method | IEC 60794-1-21 E1 |
| Twist | 10 cycles |
| Twist Test Method | IEC 60794-1-21 E7 |
| Vertical Rise, maximum | 752 m 2,467.192 ft |

Optical Specifications

Fiber Type G.657.A1

Environmental Specifications

Installation temperature -30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature -30 °C to +70 °C (-22 °F to +158 °F)
Storage Temperature -30 °C to +70 °C (-22 °F to +158 °F)
Cable Qualification Standards IEC 60794-5-10
EN50575 CPR Cable EuroClass Fire Performance Fca
Environmental Space Air-blown, microduct
Jacket UV Resistance UV stabilized
Water Penetration 24 h
Water Penetration Test Method IEC 60794-1 F4

Environmental Test Specifications

Cable Freeze -2 °C | 28.4 °F
Cable Freeze Test Method IEC 60794-1 F15
Drip 70 °C | 158 °F
Drip Test Method IEC 60794-1-21 E14
Heat Age -30 °C to +85 °C (-22 °F to +185 °F)
Heat Age Test Method IEC 60794-1-22 F9
Low High Bend -30 °C to +60 °C (-22 °F to +140 °F)
Low High Bend Test Method IEC 60794-1-21 E11
Temperature Cycle -30 °C to +70 °C (-22 °F to +158 °F)
Temperature Cycle Test Method IEC 60794-1-22 F1

Packaging and Weights

Cable weight 38 kg/km | 25.535 lb/kft

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |

ROHS Compliant

UK-ROHS Compliant



Included Products

CS-8F-250-EMEA – LightScope® ZWP Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable