



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

<b>Regional Availability</b>	Europe
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber OSP cable
<b>Product Series</b>	B-LN

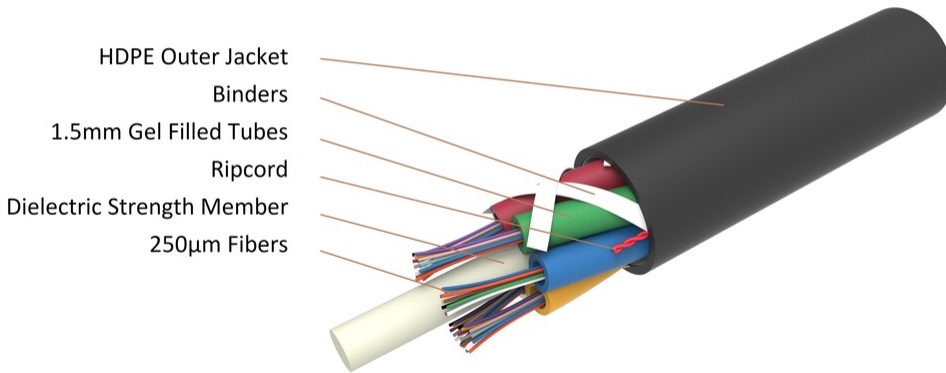
## General Specifications

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

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	1.5 mm   0.059 in
<b>Diameter Over Jacket</b>	6.5 mm   0.256 in

## Representative Image



## Material Specifications

**Jacket Material** High density polyethylene (HDPE)

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	130 mm   5.118 in
<b>Minimum Bend Radius, unloaded</b>	98 mm   3.858 in
<b>Tensile Load, long term, maximum</b>	250 N   56.202 lbf
<b>Tensile Load, short term, maximum</b>	1000 N   224.809 lbf
<b>Compression</b>	5 N/mm   28.551 lb/in
<b>Compression Test Method</b>	IEC 60794-1-21 E3
<b>Flex</b>	25 cycles
<b>Flex Test Method</b>	IEC 60794-1 E6
<b>Impact</b>	5 N-m   44.254 in lb
<b>Impact Test Method</b>	IEC 60794-1-21 E4
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	IEC 60794-1-21 E1
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	IEC 60794-1-21 E7
<b>Vertical Rise, maximum</b>	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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>

ROHS Compliant

UK-ROHS Compliant



## Included Products

CS-8F-LT – Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber

## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable