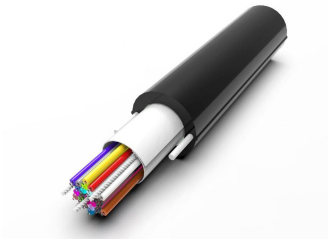


# 760248049 | C-024-RD-8F-M24BK-08D



Fiber indoor/outdoor Retractable Façade Distribution Cable, 24 fibers, Singlemode, G.657.A1, Gel-free, Meters jacket marking, Black jacket color

## Product Classification

### Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

### Portfolio

CommScope®

### Product Type

Fiber indoor/outdoor cable

### Product Series

C-RD

## General Specifications

### Cable Type

Distribution | Loose tube

### Construction Type

Non-armored

### Subunit Type

Gel-free

### Filler, quantity

4

### Jacket Color

Black

### Jacket Marking

Meters

### Jacket Marking Method

Inkjet

### Jacket Marking Text

COMMSCOPE GB F.O. CABLE 760248049 24x9/125 G657A1 ULSZH (serial number) (metre mark)

### Subunit, quantity

24

### Fibers per Subunit, quantity

1

### Total Fiber Count

24

## Dimensions

### Cable Length

1000 m | 3,280.84 ft

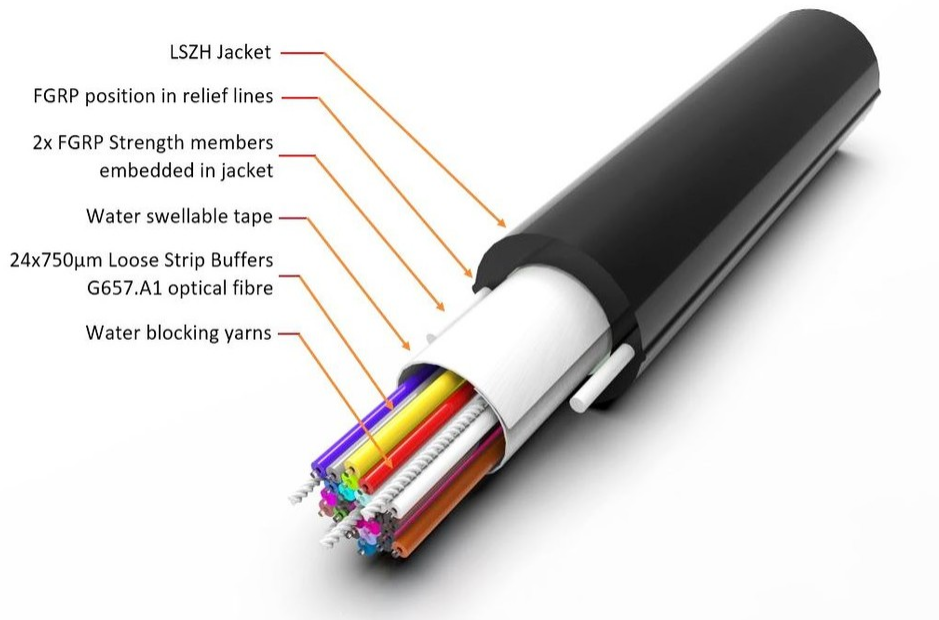
### Buffer Tube/Subunit Diameter

0.75 mm | 0.03 in

### Diameter Over Jacket

9.2 mm | 0.362 in

## Representative Image



## Material Specifications

**Jacket Material** Low Smoke Zero Halogen (LSZH)

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	50 mm   1.969 in
<b>Minimum Bend Radius, unloaded</b>	55 mm   2.165 in
<b>Tensile Load, long term, maximum</b>	100 N   22.481 lbf
<b>Tensile Load, short term, maximum</b>	250 N   56.202 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

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**Vertical Rise, maximum** 492 m | 1,614.173 ft

## Optical Specifications

**Fiber Type** G.657.A1

## Environmental Specifications

**Installation temperature** -20 °C to +70 °C (-4 °F to +158 °F)

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

**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** d2

**EN50575 CPR Cable EuroClass Acidity Rating** a2

**Environmental Space** Facade | Outdoor

**Flame Test Method** IEC 60332-1-2 | IEC 60754-2 | IEC 61034-2

**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 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** 46 kg/km | 30.911 lb/kft

## Regulatory Compliance/Certifications

**Agency**

ISO 9001:2015

**Classification**

Designed, manufactured and/or distributed under this quality management system

## Included Products

CS-8F-TB

- Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber

## \* Footnotes

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