

# C-RD

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## Base Product



Fiber Optic Cable, Indoor/outdoor Low Smoke Zero Halogen, CPR-only flame rated, Retractable Dielectric

- Indoor/outdoor cables are tough enough for outdoor use while also being listed for indoor use
- Superior mechanical and optical performance with unmatched stability and quality
- Available Jacket Colors: Black and White

## 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

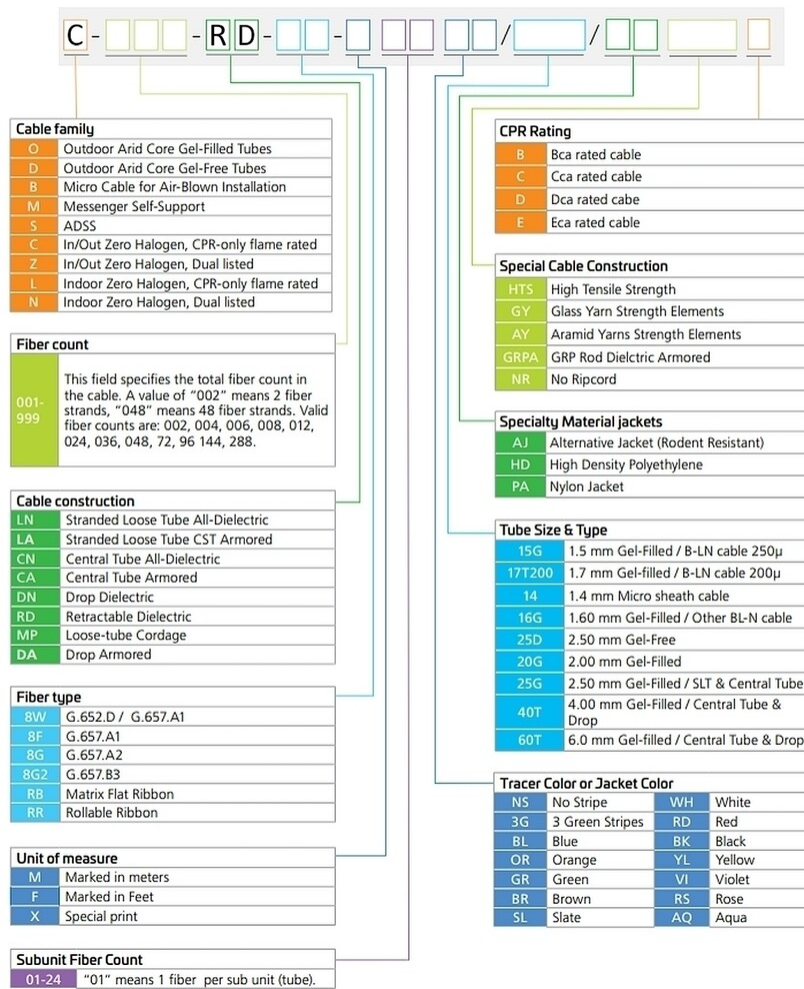
Non-armored

### Subunit Type

Gel-free

## Ordering Tree

# C-RD



## Material Specifications

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

## Mechanical Specifications

**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

**Twist** 10 cycles

# C-RD

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**Twist Test Method** IEC 60794-1-21 E7

## 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)  
**Cable Qualification Standards** IEC 60794-1-2  
**Environmental Space** Facade | Outdoor  
**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

## \* Footnotes

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