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
Jacket Marking: Meters
Subunit Type: Gel-free

Ordering Tree
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
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