

C-RD



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

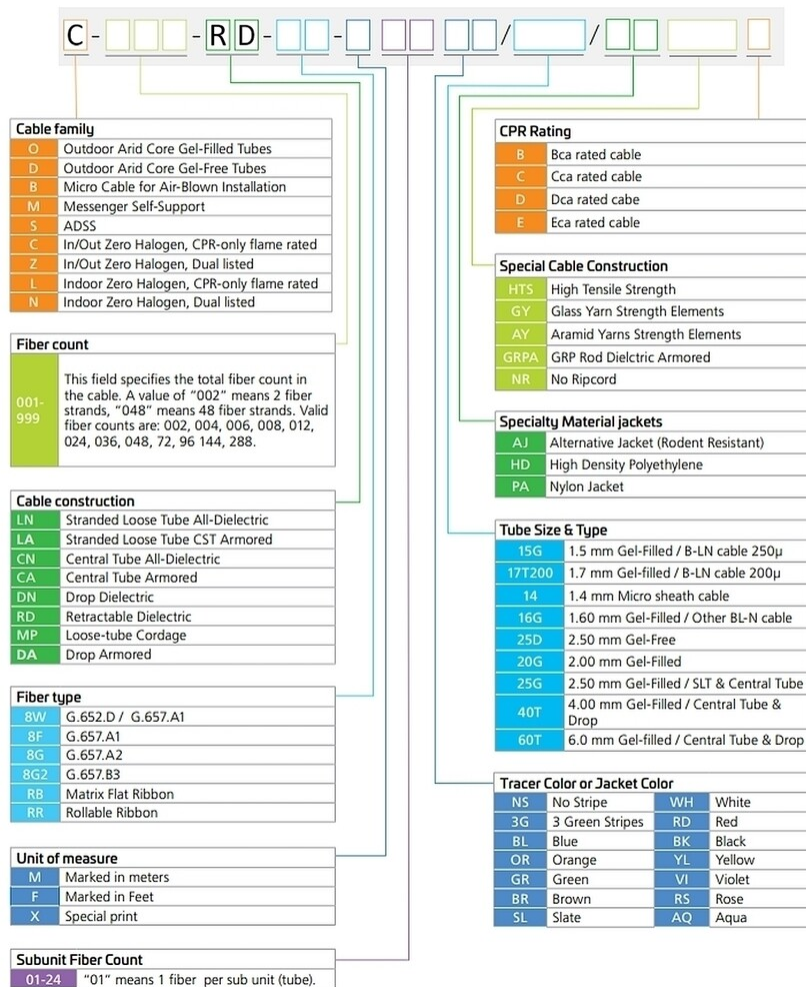
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-RD

General Specifications

Cable Type	Distribution Loose tube
Construction Type	Non-armored
Jacket Marking	Meters
Subunit Type	Gel-free

Ordering Tree

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

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