## O-DF

#### **Base Product**



#### Fiber Optic Cable, Drop, Outdoor Arid Core Gel-Filled Tubes, Flat

- Fiber drop cables are typically used between the fiber terminal and the building or home and available for various indoor or outdoor applications
- Fiber drop cables are engineered to withstand the most demanding environmental conditions, including sun, heat, cold, moisture and heavy RF interference
- Superior mechanical and optical performance with unmatched stability and quality

#### **Product Classification**

Regional Availability

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

Portfolio CommScope®

Product Type Fiber drop cable

**Product Series** O-DF

# General Specifications

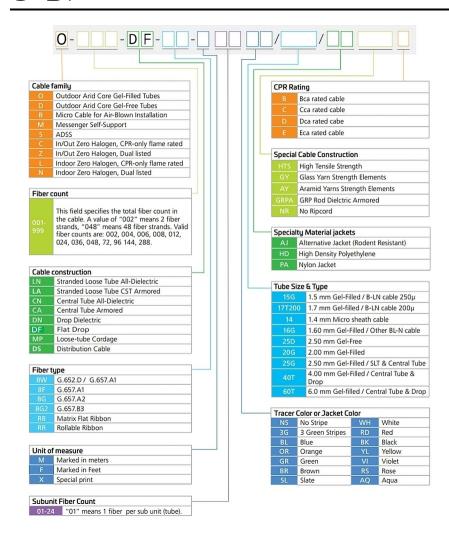
Cable TypeCentral loose tube

Construction Type Non-armored

Jacket Color Black

Ordering Tree

## O-DF



## Mechanical Specifications

**Impact Test Method** 

Strain Test Method

**Compression Test Method** FOTP-41 | IEC 60794-1 E3

Flex Test Method FOTP-104 | IEC 60794-1 E6

Strain See long and short term tensile loads

**y** 

Twist 10 cycles

Twist Test Method FOTP-85 | IEC 60794-1 E7

## **Environmental Specifications**

Installation temperature -30 °C to +70 °C (-22 °F to +158 °F)

**COMMSCOPE®** 

FOTP-25 | IEC 60794-1 E4

FOTP-33 | IEC 60794-1 E1

## O-DF

Operating Temperature  $-40 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-40  $^{\circ}\text{F}$  to  $+158 \,^{\circ}\text{F}$ )

Storage Temperature  $-40 \,^{\circ}\text{C}$  to  $+75 \,^{\circ}\text{C}$  (-40  $^{\circ}\text{F}$  to  $+167 \,^{\circ}\text{F}$ )

**Cable Qualification Standards** ANSI/ICEA S-110-717

**Environmental Space** Aerial, self-support | Buried

Jacket UV Resistance UV stabilized

Water Penetration 24 h

Water Penentration Test Method FOTP-82 | IEC 60794-1 F5

## **Environmental Test Specifications**

**Cable Freeze**  $-2 \, ^{\circ}\text{C} \, \mid \, 28.4 \, ^{\circ}\text{F}$ 

Cable Freeze Test Method FOTP-98 | IEC 60794-1 F15

**Drip** 70 °C | 158 °F

**Drip Test Method** FOTP-81 | IEC 60794-1 E14

**Heat Age**  $-40 \,^{\circ}\text{C}$  to  $+85 \,^{\circ}\text{C}$  ( $-40 \,^{\circ}\text{F}$  to  $+185 \,^{\circ}\text{F}$ )

**Heat Age Test Method** IEC 60794-1 F9

**Low High Bend**  $-30 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (-22  $^{\circ}\text{F}$  to  $+140 \,^{\circ}\text{F}$ )

**Low High Bend Test Method** FOTP-37 | IEC 60794-1 E11

**Temperature Cycle**  $-40 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$ 

**Temperature Cycle Test Method** FOTP-3 | IEC 60794-1 F1

#### \* Footnotes

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

