

## Self-Supporting Tenable Outdoor Drop Cable

### Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Hybrid cable, fiber and tone-wire
<b>Product Series</b>	O-DF

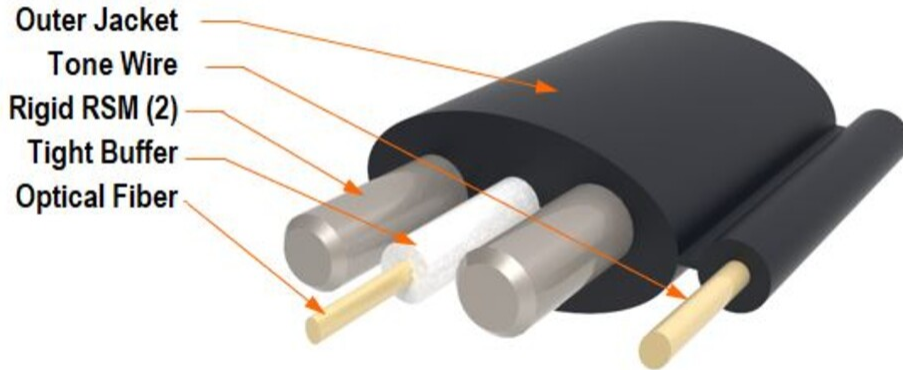
### General Specifications

<b>Cable Type</b>	Drop
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-free
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Feet
<b>Subunit, quantity</b>	1
<b>Fibers per Subunit, quantity</b>	1
<b>Total Fiber Count</b>	1

### Dimensions

<b>Height Over Jacket</b>	2.8 mm   0.11 in
<b>Buffer Tube/Subunit Diameter</b>	0.9 mm   0.035 in
<b>Diameter Over Jacket</b>	5.6 mm   0.22 in

### Representative Image



## Material Specifications

**Jacket Material** PE

## Mechanical Specifications

**Minimum Bend Radius, loaded** 60 mm | 2.362 in  
**Minimum Bend Radius, unloaded** 60 mm | 2.362 in  
**Tensile Load, long term, maximum** 400 N | 89.924 lbf  
**Tensile Load, short term, maximum** 1350 N | 303.492 lbf  
**Compression** 10 N/mm | 57.101 lb/in  
**Compression Test Method** FOTP-41 | IEC 60794-1 E3  
**Flex** 35 cycles  
**Flex Test Method** FOTP-104 | IEC 60794-1 E6  
**Impact** 1.4 N-m | 12.391 in lb  
**Impact Test Method** FOTP-25 | IEC 60794-1 E4  
**Strain** See long and short term tensile loads  
**Strain Test Method** FOTP-33 | IEC 60794-1 E1  
**Twist** 10 cycles  
**Twist Test Method** FOTP-85 | IEC 60794-1 E7

## Optical Specifications

**Fiber Type** G.657.A2/B2 | G.657.A2/B2

## Environmental Specifications

<b>Installation temperature</b>	-30 °C to +60 °C (-22 °F to +140 °F)
<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Cable Qualification Standards</b>	ANSI/ICEA S-110-717
<b>Environmental Space</b>	Aerial, self-support   Buried
<b>Jacket UV Resistance</b>	UV stabilized
<b>Water Penetration</b>	24 h
<b>Water Penetration Test Method</b>	FOTP-82   IEC 60794-1 F5

## Environmental Test Specifications

<b>Cable Freeze</b>	-2 °C   28.4 °F
<b>Cable Freeze Test Method</b>	FOTP-98   IEC 60794-1 F15
<b>Drip</b>	70 °C   158 °F
<b>Drip Test Method</b>	FOTP-81   IEC 60794-1 E14
<b>Heat Age</b>	-40 °C to +85 °C (-40 °F to +185 °F)
<b>Heat Age Test Method</b>	IEC 60794-1 F9
<b>Low High Bend</b>	-30 °C to +60 °C (-22 °F to +140 °F)
<b>Low High Bend Test Method</b>	FOTP-37   IEC 60794-1 E11
<b>Temperature Cycle</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

<b>Cable weight</b>	20.673 kg/km   13.892 lb/kft
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## \* Footnotes

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