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

- 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-DA

General Specifications

Armor Type
Corrugated steel

Cable Type
Central loose tube

Construction Type
Armored

Jacket Color
Black

Jacket Marking
Feet | Meters

Subunit Type
Gel-filled

Ordering Tree
Material Specifications

Jacket Material

Mechanical Specifications

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

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

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 Test Method  
FOTP-85 | IEC 60794-1 E7
Environmental Specifications

Installation temperature: -30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature: -40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature: -40 °C to +75 °C (-40 °F to +167 °F)

Cable Qualification Standards: ANSI/ICEA S-110-717 | EN 187105 | Telcordia GR-20

Environmental Space: Aerial, lashed | Buried

Flame Test Method: IEC 60332-1 | IEC 60332-3-24 | IEC 60754-2

Jacket UV Resistance: UV stabilized

Water Penetration: 24 h

Water Penetration Test Method: FOTP-82 | IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze: -2 °C | 28.4 °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 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method: IEC 60794-1 F9

Low High Bend: -30 °C to +60 °C (-22 °F to +140 °F)
Low High Bend Test Method: FOTP-37 | IEC 60794-1 E11

Temperature Cycle: -40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method: FOTP-3 | IEC 60794-1 F1

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable