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

- 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-DN

General Specifications

Cable Type
- Central loose tube

Construction Type
- Non-armored

Jacket Color
- Black

Jacket Marking
- Custom printing | Feet | Meters

Ordering Tree
Material Specifications

Jacket Material

Mechanical Specifications

Compression Test Method

Flex Test Method

Impact Test Method

Strain

Strain Test Method

Twist Test Method
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

**Environmental Space**  
Aerial, lashed | Buried

**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