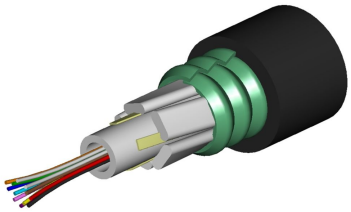
O-DA

Base Product



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
Subunit Type	Gel-filled
Jacket Color	Black

Ordering Tree

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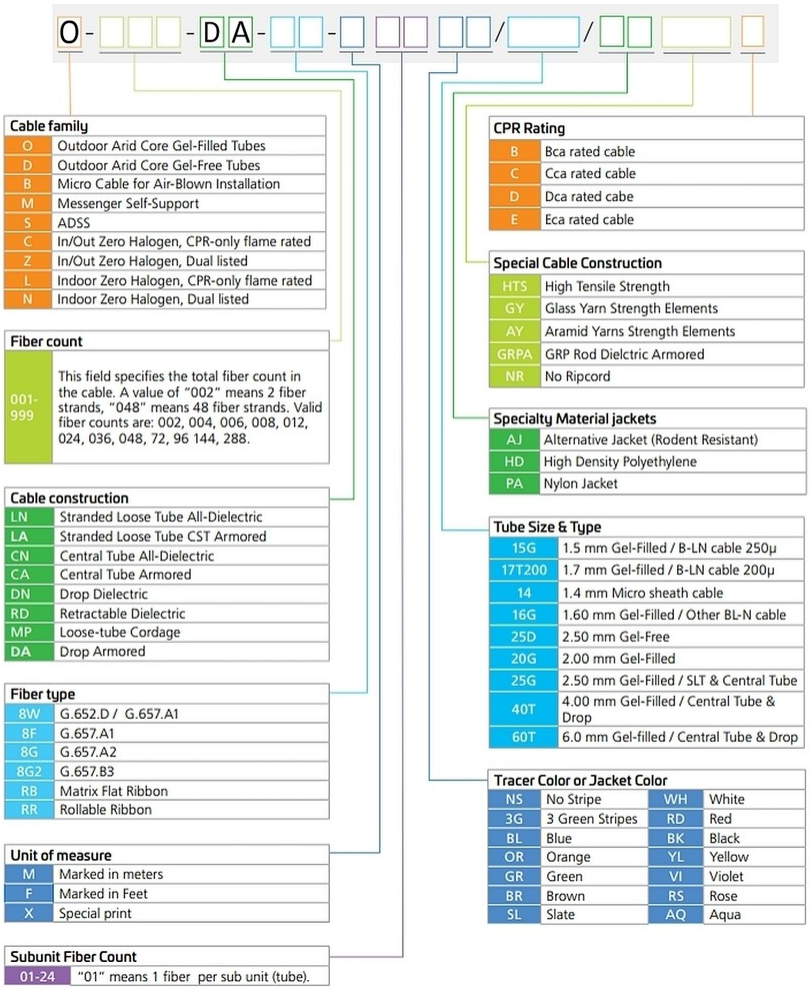
O-DA



Material Specifications

Jacket Material	PE

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

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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 Penentration	24 h
Water Penentration 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

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