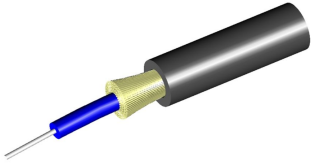


2281066-1

Fiber Optic Cable, Outdoor, Armored, Singlemode, G657.A1, black



Product Classification

Regional Availability	Latin America North America
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-LA

General Specifications

Armor Type	Corrugated steel
Cable Type	Semi-tight buffer
Jacket Color	Black
Jacket Marking	Meters
Subunit Type	Gel-filled
Total Fiber Count	2

Dimensions

Diameter Over Jacket	5.1 mm 0.201 in
-----------------------------	-------------------

Mechanical Specifications

Minimum Bend Radius, loaded	50 mm 1.969 in
Tensile Load, long term, maximum	450 N 101.164 lbf
Tensile Load, short term, maximum	300 N 67.443 lbf
Cable Crush Resistance, maximum	50 N/mm 285.507 lb/in
Flex	25 cycles

Optical Specifications

Fiber Type	OS2
-------------------	-----

2281066-1

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.30 dB/km @ 1,550 nm | 0.40 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature -20 °C to +70 °C (-4 °F to +158 °F)

Operating Temperature -40 °C to +70 °C (-40 °F to +158 °F)

Storage Temperature -40 °C to +70 °C (-40 °F to +158 °F)

Environmental Space Low Smoke Zero Halogen (LSZH)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable