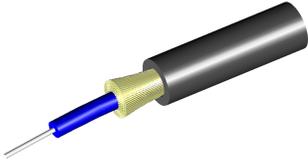


# 2281066-2

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Fiber Optic Cable, Outdoor, Armored, Singlemode, G657.A2, black

## Product Classification

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

## General Specifications

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

## Dimensions

<b>Diameter Over Jacket</b>	5.1 mm   0.201 in
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## Mechanical Specifications

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

## Optical Specifications

<b>Fiber Type</b>	G.657.A2, TeraSPEED®
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	0.30 dB/km @ 1,550 nm   0.40 dB/km @ 1,310 nm
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## Environmental Specifications

<b>Installation temperature</b>	-20 °C to +70 °C (-4 °F to +158 °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>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)

## \* Footnotes

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