

Fiber OSP cable, ADSS Long Span, 48 fiber, Singlemode G.652.D, Gel-filled, Meters jacket marking, Black jacket color, 500m

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber OSP cable
<b>Product Series</b>	S-LD

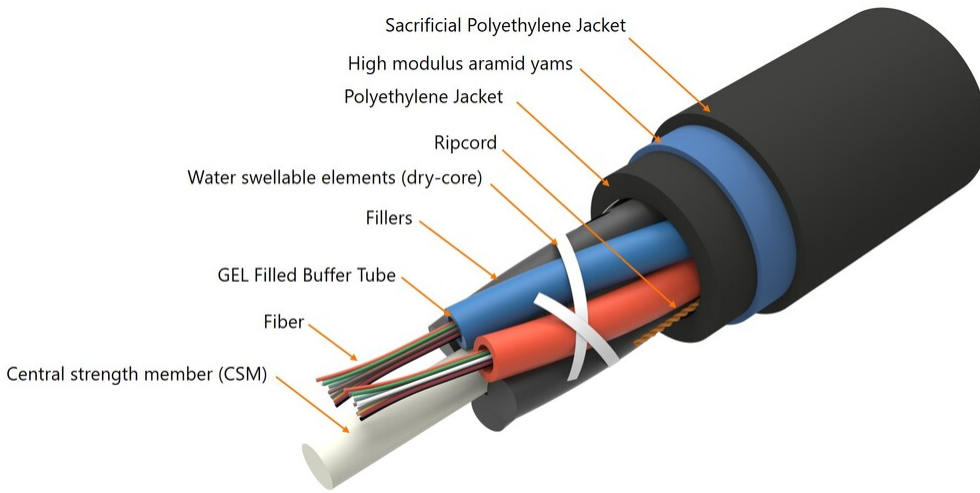
## General Specifications

<b>Cable Type</b>	Stranded outdoor
<b>Construction Type</b>	All Dielectric
<b>Fibers per Subunit, quantity</b>	12
<b>Filler, quantity</b>	1
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Subunit Type</b>	Gel-filled
<b>Subunit, quantity</b>	4
<b>Total Fiber Count</b>	48

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	2.4 mm   0.094 in
<b>Diameter Over Jacket</b>	13.3 mm   0.524 in

## Representative Image



## Material Specifications

<b>Jacket Material</b>	PE
<b>Inner Jacket Material</b>	PE

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	266 mm   10.472 in
<b>Minimum Bend Radius, unloaded</b>	200 mm   7.874 in
<b>Tensile Load, long and short term</b>	See Sag and Tension tables in Product Documentation section
<b>Cable Crush Resistance, maximum</b>	20 N/mm   114.203 lb/in
<b>Compression</b>	10 N/mm   57.101 lb/in
<b>Compression Test Method</b>	IEC 60794-1-21 E3
<b>Flex</b>	25 cycles
<b>Impact Test Method</b>	IEC 60794-1-21 E4
<b>Strain Test Method</b>	IEC 60794-1-21 E1
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	IEC 60794-1-21 E7

## Optical Specifications

<b>Fiber Type</b>	G.652.D
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	0.21 dB/km @ 1,550 nm   0.35 dB/km @ 1,310 nm
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +50 °C (+32 °F to +122 °F)
<b>Operating Temperature</b>	-10 °C to +70 °C (+14 °F to +158 °F)
<b>Storage Temperature</b>	-10 °C to +70 °C (+14 °F to +158 °F)
<b>Cable Qualification Standards</b>	IEC 60794-1-2
<b>Jacket UV Resistance</b>	UV stabilized

## Environmental Test Specifications

<b>Low High Bend Test Method</b>	IEC 60794-1-21 E11
<b>Temperature Cycle Test Method</b>	IEC 60794-1-22 F1

## Packaging and Weights

<b>Cable weight</b>	135 kg/km   90.716 lb/kft
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant



## \* Footnotes

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