

Fiber Optic Outside Plant Cable, 24-core, ECSS (Electro Chrome Coated Steel) Armored, Loose-tube, Gel-filled, 9/125  $\mu\text{m}$ , OS2, Singlemode, Black cable jacket

- Designed for use in backbone cabling, campus site cabling, outdoor ducts or direct burial cabling applications
- Designed with a gel filled loose tube construction to ensure protection against moisture ingress

## Product Classification

<b>Regional Availability</b>	Asia   EMEA
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber OSP cable
<b>Product Series</b>	O-LA

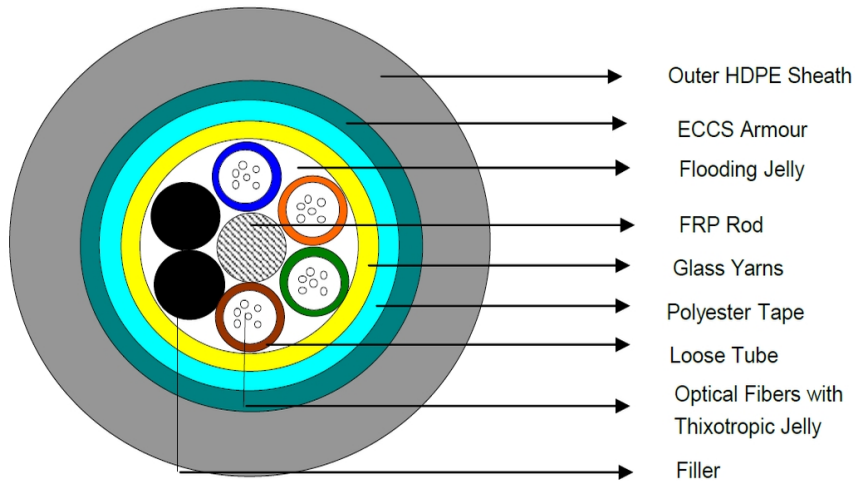
## General Specifications

<b>Armor Type</b>	Corrugated steel
<b>Cable Type</b>	Loose tube
<b>Subunit Type</b>	Gel-filled
<b>Filler, quantity</b>	2
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Strength Members</b>	Central fiber reinforced polymer (FRP) rod
<b>Fibers per Subunit, quantity</b>	24
<b>Total Fiber Count</b>	24

## Dimensions

<b>Cable Length</b>	2000 m   6,561.68 ft
<b>Diameter Over Jacket</b>	15.5 mm   0.61 in

## Representative Image



## Material Specifications

**Jacket Material** High density polyethylene (HDPE)

## Mechanical Specifications

**Minimum Bend Radius, loaded** 310 mm | 12.205 in  
**Minimum Bend Radius, unloaded** 248 mm | 9.764 in  
**Tensile Load, short term, maximum** 4000 N | 899.236 lbf  
**Cable Crush Resistance, maximum** 44 N/mm | 251.246 lb/in  
**Flex** 25 cycles

## Optical Specifications

**Fiber Type** OS2

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 0.22 dB/km @ 1,550 nm | 0.34 dB/km @ 1,310 nm  
**Standards Compliance** ANSI/TIA-568.C.3 | TIA-492CAAB (OS2)

## Environmental Specifications

**Operating Temperature** -20 °C to +70 °C (-4 °F to +158 °F)

## Packaging and Weights

**Cable weight** 215 kg/km | 144.473 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
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
UK-ROHS	Compliant



\* Footnotes

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