



Outside Plant Fiber Optic Cable, HDPE, 6-fiber, Multimode, OM4, loose tube, gel-filled, 2000 m

## Product Classification

Regional Availability	Australia/New Zealand   EMEA
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-CA

## General Specifications

Armor Type	Corrugated steel
Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	1
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMScope GB SYSTEM F.O.CABLE [MID] GEL LOOSE TUBE 4X50 /125 OM4 HDPE (Serial number) (metre mark)
Fibers per Subunit, quantity	4
Total Fiber Count	4

## Dimensions

Cable Length	2000 m   6,561.68 ft
Diameter Over Jacket	10 mm   0.394 in

## Material Specifications

Jacket Material	High density polyethylene (HDPE)
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## Mechanical Specifications

Minimum Bend Radius, loaded	200.7 mm   7.902 in
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Minimum Bend Radius, unloaded	160 mm   6.299 in
Tensile Load, long term, maximum	625 N   140.506 lbf
Tensile Load, short term, maximum	1200 N   269.771 lbf
Flex	25 cycles

### Optical Specifications

Fiber Type	OM4, LazrSPEED®
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### Optical Specifications, Wavelength Specific

Attenuation, maximum	2.50 dB/km @ 1,300 nm   3.50 dB/km @ 850 nm
Standards Compliance	IEC 60794-1   TIA-492AAAD (OM4)

### Environmental Specifications

Installation temperature	-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)

### Packaging and Weights

Cable weight	104 kg/km   69.885 lb/kft
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### Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://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