



Outside Plant Fiber Optic Cable, HDPE, 12-fiber, Multimode, OM4, loose tube, gel-filled, 1000 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
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Cable Length	1000 m 3,280.84 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
Minimum Bend Radius, unloaded	160 mm 6.299 in
Tensile Load, long term, maximum	1250 N 281.011 lbf

1-599683-2 | O-012-CA-5K-M12BK/28G/GY

Flex 25 cycles

Optical Specifications

Fiber Type OM4, LazrSPEED®

Optical Specifications, Wavelength Specific

Attenuation, maximum 1.00 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

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable