

Outside Plant Fiber Optic Cable, armored, 4-fiber, Multimode, OM4, gel-filled, dielectric, black

OBSOLETE

Product Classification

Regional Availability	Asia   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-LN

General Specifications

Armor Type	Corrugated steel
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	4
Total Fiber Count	4

Dimensions

Diameter Over Jacket	11 mm   0.433 in
----------------------	------------------

Mechanical Specifications

Minimum Bend Radius, loaded	243.8 mm   9.598 in
Minimum Bend Radius, unloaded	121.9 mm   4.799 in
Tensile Load, long term, maximum	890 N   200.08 lbf
Tensile Load, short term, maximum	2669 N   600.015 lbf
Flex	25 cycles

Optical Specifications

Fiber Type	OM4, LazrSPEED®
------------	-----------------

Optical Specifications, Wavelength Specific

10 Gbps Ethernet Distance	550 m @ 850 nm
---------------------------	----------------

# 6-1553396-5

Bandwidth, Laser, minimum	4,700 MHz-km @ 850 nm
Bandwidth, OFL, minimum	3,500 MHz-km @ 850 nm   500 MHz-km @ 1,300 nm
Standards Compliance	ANSI/TIA-568.A   ANSI/TIA-568.B.1   ANSI/TIA-568.B.2   TIA-492AAAD (OM4)

## Environmental Specifications

Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	Telcordia GR-20-CORE

## Packaging and Weights

Cable weight	140 kg/km   94.076 lb/kft
--------------	---------------------------

### \* Footnotes

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