

Outdoor Fiber Optic Cable, 12-fiber, multimode, OM4, PE, loose tube, gel-filled, cut length

OBSOLETE

This product was discontinued on: October 30, 2022

Replaced By:

760249699 Fiber OSP cable, PE, Gel-filled Central Tube, All-dielectric, 12 fiber, Multimode OM4, Meters
O-012-CN-5X-M12BK/28G/093 jacket marking, Black jacket color

Product Classification

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

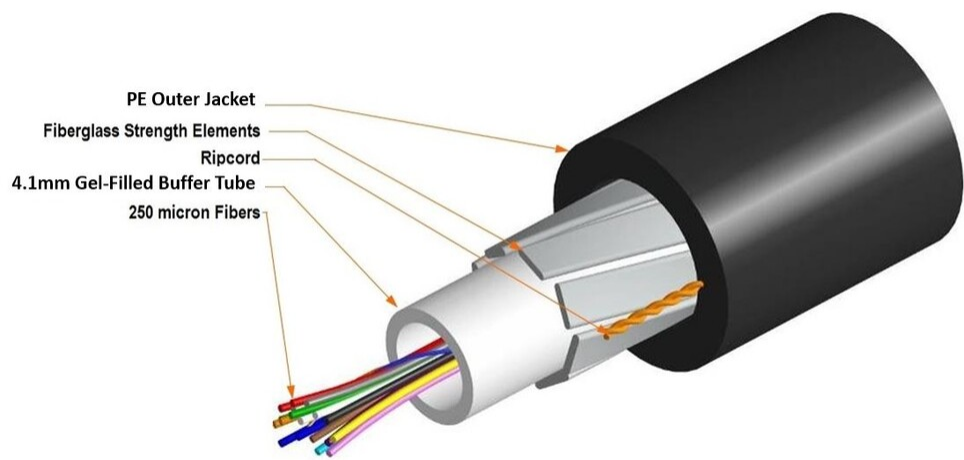
General Specifications

Cable Type	Central loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Buffer Tube/Subunit Diameter	4.1 mm 0.161 in
Diameter Over Jacket	7.5 mm 0.295 in

Representative Image



Material Specifications

Jacket Material	PE
Mechanical Specifications	
Minimum Bend Radius, loaded	150 mm 5.906 in
Minimum Bend Radius, unloaded	75 mm 2.953 in
Tensile Load, long term, maximum	600 N 134.885 lbf
Tensile Load, short term, maximum	1500 N 337.214 lbf
Compression	10 N/mm 57.101 lb/in
Compression Test Method	IEC 60794-1-2 E3
Flex	25 cycles
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1-2-E1

Optical Specifications

Fiber Type	OM4
------------	-----

Optical Specifications, Wavelength Specific

Attenuation, maximum	1.50 dB/km @ 1,300 nm 3.50 dB/km @ 850 nm
----------------------	---

Environmental Specifications

Installation temperature	-20 °C to +60 °C (-4 °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)
Environmental Space	Buried Ducted Outdoor
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5C

Packaging and Weights

Cable weight	48 kg/km 32.255 lb/kft
--------------	--------------------------

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable