

1-1427452-4



Outside Plant Fiber Optic Cable, 12-fiber, Singlemode, OS2, loose tube, gel-filled, 1000 m

OBSOLETE

This product was discontinued on: October 30, 2022

Replaced By:

760249693 Fiber OSP cable, PE, Gel-filled Central Tube, 12 fiber, Singlemode G657.A1/G652.D, Meters
O-012-CN-8Z-M12BK/28G/093 jacket marking, Black jacket color

Product Classification

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

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-filled
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	7.5 mm 0.295 in

Mechanical Specifications

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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
Flex	25 cycles

Optical Specifications

Fiber Type	OS2
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Optical Specifications, Wavelength Specific

Standards Compliance	ANSI/TIA-568.A TIA-492CAAB (OS2)
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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)

Packaging and Weights

Cable weight	48 kg/km 32.255 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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable