1-1427435-4
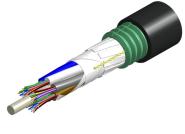
Outside Plant Fiber Optic Cable, armored, 24-fiber, Singlemode, OS2, loose tube, gel-filled, 1000 m

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OBSOLETE

Replaced By:

760252045
O-024-LA-8Z-M06BK/21G/093

PE, Loose Tube Gel CST, FOC, 24F, Singlemode

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Product Classification

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

General Specifications

Armor Type	Corrugated steel
Cable Type	Loose tube
Fibers per Subunit, quantity	12
Filler, quantity	3
Jacket Color	Black
Jacket Marking	Meters
Subunit Type	Gel-filled
Total Fiber Count	24

Dimensions

Cable Length	1000 m	3,280.84 ft
Diameter Over Jacket	12.4 mm	0.488 in

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Material Specifications

Jacket Material	High density polyethylene (HDPE)

Mechanical Specifications

Minimum Bend Radius, loaded	248 mm | 9.764 in
Tensile Load, long term, maximum	890 N | 200.08 lbf
Tensile Load, short term, maximum	2700 N | 606.984 lbf
Flex	25 cycles

Optical Specifications

Fiber Type	OS2

Optical Specifications, Wavelength Specific

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

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	143 kg/km | 96.092 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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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