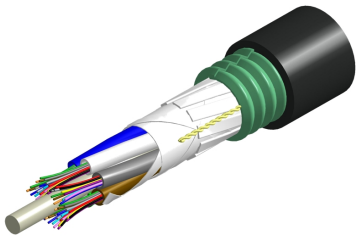# 2-1427435-4

Outside Plant Fiber Optic Cable, armored, 24-fiber, Singlemode, OS2, loose tube, gel-filled, 2000 m

OBSOLETE

This product was discontinued on: December 30, 2022

Replaced By:

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

Fiber OSP cable, PE, Loose Tube Gel-filled CST, 24 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color

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
Subunit Type	Gel-filled
Filler, quantity	3
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	24

Dimensions

Cable Length	2000 m | 6,561.68 ft
Diameter Over Jacket	12.4 mm | 0.488 in

Material Specifications

Jacket Material	High density polyethylene (HDPE)

COMMSCOPE®

2-1427435-4

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
UK-ROHS	Compliant

* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable

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