



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

OBSOLETE

This product was discontinued on: October 30, 2022

Replaced By:

760252045 Fiber OSP cable, PE, Loose Tube Gel-filled CST, 24 fiber, Singlemode G.652.D and G.657.A1,
O-024-LA-8Z-M06BK/21G/093 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	1000 m 3,280.84 ft
Diameter Over Jacket	12.4 mm 0.488 in

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
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable