

Indoor/Outdoor Fiber Optic Cable, 6-fiber, singlemode, OS2, LSZH, loose tube, gel-filled, cut length

OBSOLETE

This product was discontinued on: December 30, 2022

Replaced By:

760249710 Fiber indoor/outdoor cable, Gel-filled Central Tube, 6 fiber, Singlemode G.652.D and G.657.A1,
C-006-CN-8Z-M06BK/28G/093 Meters jacket marking, Black jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	Z-CN

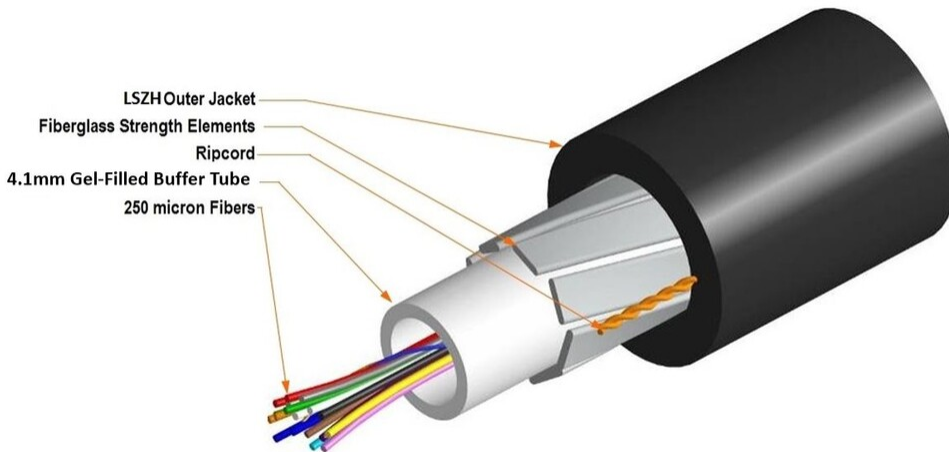
General Specifications

Cable Type	Central loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	6
Total Fiber Count	6

Dimensions

Buffer Tube/Subunit Diameter	4.1 mm 0.161 in
Diameter Over Jacket	8 mm 0.315 in

Representative Image



Material Specifications

Jacket Material Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded 160 mm | 6.299 in
Minimum Bend Radius, unloaded 80 mm | 3.15 in
Tensile Load, long term, maximum 800 N | 179.847 lbf
Tensile Load, short term, maximum 1800 N | 404.656 lbf
Compression 10 N/mm | 57.101 lb/in
Compression Test Method IEC 60794-1-2 E3
Strain See long and short term tensile loads
Strain Test Method IEC 60794-1-2-E1

Optical Specifications

Fiber Type G.652.D | OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.23 dB/km @ 1,550 nm | 0.36 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature -10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature -20 °C to +70 °C (-4 °F to +158 °F)

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Storage Temperature -40 °C to +70 °C (-40 °F to +158 °F)

Environmental Space Low Smoke Zero Halogen (LSZH)

Packaging and Weights

Cable weight 70 kg/km | 47.038 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