

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

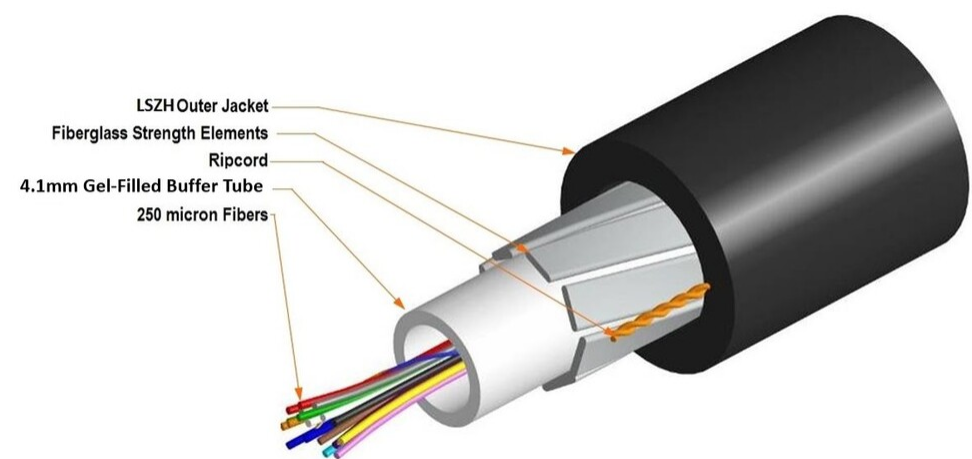
General Specifications

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)

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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



\* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
-----------------------	---