# 760252021 | 0-008-CN-8Z-M08BK/28G/093



Fiber OSP cable, PE, Gel-filled Central Tube, 8 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color

## Product Classification

Regional Availability	Asia   Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-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	8
Total Fiber Count	8
Dimensions	
Buffer Tube/Subunit Diameter	2.8 mm   0.11 in
Diameter Over Jacket	6 mm   0.236 in

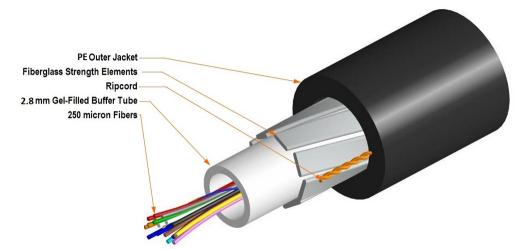
## Representative Image

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## Material Specifications

Jacket Material	PE	
Mechanical Specifications		
Minimum Bend Radius, loaded	120 mm   4.724 in	
Minimum Bend Radius, unloaded	60 mm   2.362 in	
Tensile Load, long term, maximum	300 N   67.443 lbf	
Tensile Load, short term, maximum	1000 N   224.809 lbf	
Compression	15 N/mm   85.652 lb/in	
Compression Test Method	IEC 60794-1-2 E3	
Flex	25 cycles	
Strain	See long and short term tensile loads	
Strain Test Method	IEC 60794-1-2-E1	
Optical Specifications		
Fiber Type	G.652.D and G.657.A1   OS2	
Optical Specifications, Wavelength Specific		
Attenuation, maximum	0.22 dB/km @ 1,550 nm   0.36 dB/km @ 1,310 nm	
Environmental Specifications		

#### Environmental Specifications

Installation temperature

-10 °C to +60 °C (+14 °F to +140 °F)

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Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Buried   Ducted   Outdoor
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5C

### **Environmental Test Specifications**

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

 Temperature Cycle Test Method
 IEC 60794-1-2 F1

### Packaging and Weights

Cable weight

35 kg/km | 23.519 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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