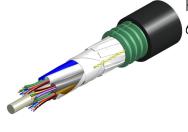
# 760252048 | 0-144-LA-8Z-M12BK/22G/093



Fiber OSP cable, PE, Loose Tube Gel-filled CST, 144 fiber, Singlemode G. 652.D and G.657.A1, Meters jacket marking, Black jacket color

### Product Classification

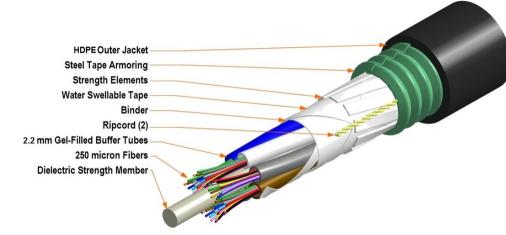
Regional Availability	Asia   Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-LA
General Specifications	
Cable Type	Stranded loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	144
Dimensions	
Buffer Tube/Subunit Diameter	2.2 mm   0.087 in
Diameter Over Jacket	12.2 mm   0.48 in

## Representative Image

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# Mechanical Specifications

Minimum Bend Radius, loaded	240 mm   9.449 in	
Minimum Bend Radius, unloaded	120 mm   4.724 in	
Tensile Load, short term, maximum	2700 N   606.984 lbf	
Compression	22 N/mm   125.623 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 60794-1-21 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)
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 F5B

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#### **Environmental Test Specifications**

**Temperature Cycle** 

-30 °C to +70 °C (-22 °F to +158 °F)

**Temperature Cycle Test Method** 

IEC 60794-1-2 F1

Packaging and Weights

Cable weight

140 kg/km | 94.076 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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