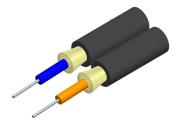
### P-002-ZC-8G-F16BK 760258685



Fiber indoor cable, 1.6 mm diameter, Plenum rated, Zipcord 2-fiber, Singlemode G.657.A2/B2, Feet jacket marking, Black jacket color

## Product Classification

Regional Availability	Asia   Australia/New Zealand   Latin America   Middle East/Africa   North America	
Portfolio	CommScope®	
Product Type	Fiber indoor cable	
Product Series	P-ZC	
General Specifications		
Cable Type	Cordage	
Construction Type	Non-armored	
Subunit Type	Gel-free	
Jacket Color	Black	
Jacket Marking	Feet	
Total Fiber Count	2	
Dimensions		
Height Over Jacket	1.7 mm   0.067 in	
Width Over Jacket	3.5 mm   0.138 in	

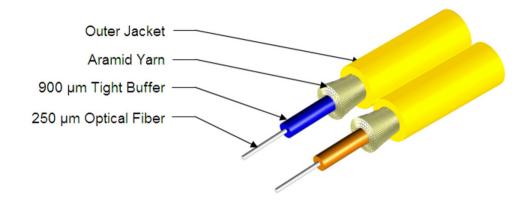
## Representative Image

Page 1 of 3

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# 760258685 | P-002-ZC-8G-F16BK



## Mechanical Specifications

Minimum Bend Radius, loaded	38 mm   1.496 in
Minimum Bend Radius, unloaded	15 mm   0.591 in
Tensile Load, long term, maximum	53 N   11.915 lbf
Tensile Load, short term, maximum	178 N   40.016 lbf
Compression	10 N/mm   57.101 lb/in
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	0.74 N-m   6.55 in lb
Impact Test Method	FOTP-25   IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33   IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85   IEC 60794-1 E7
Vertical Rise, maximum	500 m   1,640.42 ft

## **Optical Specifications**

Fiber Type

G.657.A2/B2 | G.657.A2/B2

## **Environmental Specifications**

#### Installation temperature

0 °C to +70 °C (+32 °F to +158 °F)

Page 2 of 3

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# 760258685 | P-002-ZC-8G-F16BK

Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596   Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (ETL) and c(ETL)
Flame Test Method	NFPA 130   NFPA 262

## **Environmental Test Specifications**

Heat Age	-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-20 °C to +70 °C (-4 °F to +158 °F)
Low High Bend Test Method	FOTP-37   IEC 60794-1 E11
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3   IEC 60794-1 F1

# Packaging and Weights

Cable weight	6 kg/km   4.032 lb/kft
Cable weight	6 kg/km   4.032 lb/kft

### Included Products

CS-8G-TB

Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

# \* Footnotes

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

Page 3 of 3

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