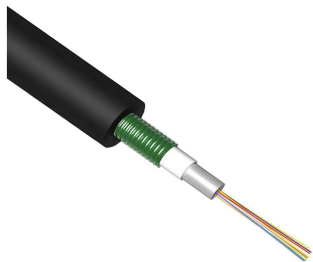


# 810009832/DB | O-004-CA-8W-M04BK/GY/HD



Fiber OSP cable, 4-fiber, HDPE, loose tube, gel-filled, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color, 1000 m, black. Provides Rodent Resistance

## Product Classification

<b>Regional Availability</b>	Australia/New Zealand   EMEA
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber OSP cable
<b>Product Series</b>	O-CA

## General Specifications

<b>Armor Type</b>	Corrugated steel
<b>Cable Type</b>	Loose tube
<b>Subunit Type</b>	Gel-filled
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Jacket Marking Method</b>	Inkjet
<b>Jacket Marking Text</b>	COMMScope GB SYSTEM F.O.CABLE 810009832/DB CSA GEL LOOSE TUBE 4X9 /125 OS2 HDPE (Serial number) (metres)
<b>Fibers per Subunit, quantity</b>	4
<b>Total Fiber Count</b>	4

## Dimensions

<b>Cable Length</b>	1000 m   3,280.84 ft
<b>Diameter Over Jacket</b>	10 mm   0.394 in

## Material Specifications

<b>Jacket Material</b>	High density polyethylene (HDPE)
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## Mechanical Specifications

# 810009832/DB | O-004-CA-8W-M04BK/GY/HD

<b>Minimum Bend Radius, loaded</b>	150 mm   5.906 in
<b>Minimum Bend Radius, unloaded</b>	100 mm   3.937 in
<b>Tensile Load, long term, maximum</b>	1250 N   281.011 lbf
<b>Flex</b>	25 cycles

## Optical Specifications

<b>Fiber Type</b>	OS2
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	0.25 dB/km @ 1,300 nm   0.35 dB/km @ 1,550 nm   0.45 dB/km @ 1,310 nm
<b>Standards Compliance</b>	TIA-492CAAB (OS2)

## Environmental Specifications

<b>Installation temperature</b>	-5 °C to +50 °C (+23 °F to +122 °F)
<b>Operating Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Storage Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)

## Packaging and Weights

<b>Cable weight</b>	104 kg/km   69.885 lb/kft
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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



## Included Products

CS-8F-LT	– Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber
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## \* Footnotes

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