



Fiber OSP cable, 6-fiber, HDPE, loose tube, gel-filled, Singlemode G.652. D and G.657.A1, Meters jacket marking, Red jacket color, 1000 m. 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>	Red
<b>Jacket Marking</b>	Meters
<b>Jacket Marking Method</b>	Inkjet
<b>Jacket Marking Text</b>	COMMSCOPE GB SYSTEM F.O. CABLE 760252103 CSA GEL LOOSE TUBE 6X9/125 OS2 HDPE (SERIAL NUMBER) (METRE MARK)
<b>Fibers per Subunit, quantity</b>	6
<b>Total Fiber Count</b>	6

## 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)
------------------------	----------------------------------

## Mechanical Specifications

<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

# 760252103 | O-006-CA-8W-M06RD/GY/HD

---

**Flex** 25 cycles

## Optical Specifications

**Fiber Type** OS2

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 0.35 dB/km @ 1,300 nm | 0.35 dB/km @ 1,550 nm | 0.45 dB/km @ 1,310 nm

## Environmental Specifications

**Installation temperature** -5 °C to +50 °C (+23 °F to +122 °F)

**Operating Temperature** -20 °C to +70 °C (-4 °F to +158 °F)

**Storage Temperature** -20 °C to +70 °C (-4 °F to +158 °F)

## Packaging and Weights

**Cable weight** 104 kg/km | 69.885 lb/kft

## Included Products

DB-8W-LT – LightScope ZWP® Singlemode Fiber

## \* Footnotes

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