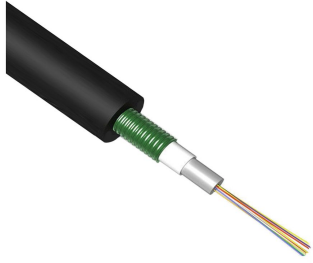


# 2-599690-2 | O-024-CA-5K-M24BK/40G/GY/HD



Outside Plant Fiber Optic Cable, HDPE, 24-fiber, Multimode, OM4, loose tube, gel-filled. 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>Filler, quantity</b>	1
<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 X-599690-2 CSA GEL LOOSE TUBE 24x50/125 OM4 HDPE [Serial NUMBER] [METRE MARK]
<b>Fibers per Subunit, quantity</b>	24
<b>Total Fiber Count</b>	24

## Dimensions

<b>Cable Length</b>	2000 m   6,561.68 ft
<b>Buffer Tube/Subunit Diameter</b>	4 mm   0.157 in
<b>Diameter Over Jacket</b>	10.5 mm   0.413 in

## Material Specifications

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

<b>Minimum Bend Radius, loaded</b>	200.7 mm   7.902 in
<b>Minimum Bend Radius, unloaded</b>	160 mm   6.299 in
<b>Tensile Load, long term, maximum</b>	625 N   140.506 lbf
<b>Tensile Load, short term, maximum</b>	1200 N   269.771 lbf
<b>Flex</b>	25 cycles

## Optical Specifications

<b>Fiber Type</b>	OM4, LazrSPEED®
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	1.00 dB/km @ 1,300 nm   3.50 dB/km @ 850 nm
<b>Standards Compliance</b>	IEC 60794-1   TIA-492AAAD (OM4)

## 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>	120 kg/km   80.636 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="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## \* Footnotes

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