

Outdoor Fiber Optic Cable, 12-fiber, multimode, OM4, PE, loose tube, gel-filled, cut length

## OBSOLETE

This product was discontinued on: October 30, 2022

### Replaced By:

760249699                      Fiber OSP cable, PE, Gel-filled Central Tube, All-dielectric, 12 fiber, Multimode OM4, Meters  
O-012-CN-5X-M12BK/28G/093    jacket marking, Black jacket color

## Product Classification

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

## General Specifications

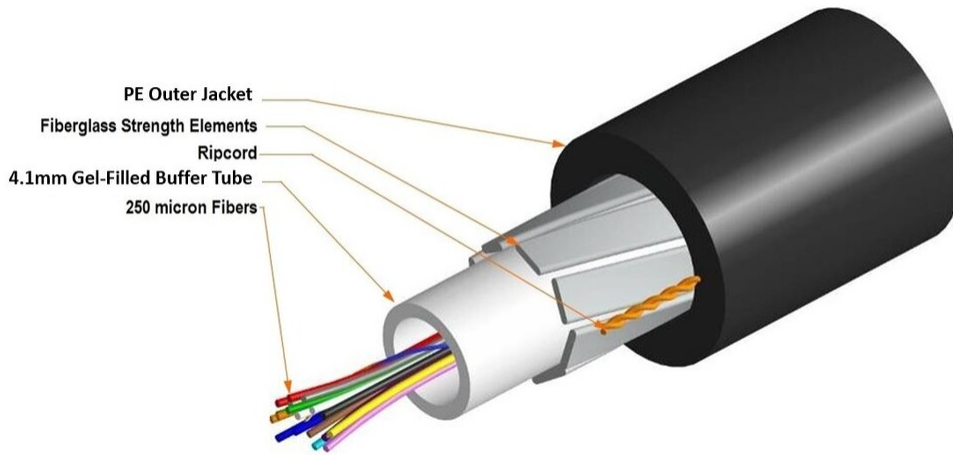
<b>Cable Type</b>	Central loose tube
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-filled
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fiber Count</b>	12

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	4.1 mm   0.161 in
<b>Diameter Over Jacket</b>	7.5 mm   0.295 in

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## Representative Image



## Material Specifications

**Jacket Material** PE

## Mechanical Specifications

**Minimum Bend Radius, loaded** 150 mm | 5.906 in  
**Minimum Bend Radius, unloaded** 75 mm | 2.953 in  
**Tensile Load, long term, maximum** 600 N | 134.885 lbf  
**Tensile Load, short term, maximum** 1500 N | 337.214 lbf  
**Compression** 10 N/mm | 57.101 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 60794-1-2-E1

## Optical Specifications

**Fiber Type** OM4

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 1.50 dB/km @ 1,300 nm | 3.50 dB/km @ 850 nm

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## Environmental Specifications

<b>Installation temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Environmental Space</b>	Buried   Ducted   Outdoor
<b>Water Penetration</b>	24 h
<b>Water Penetration Test Method</b>	IEC 60794-1 F5C

## Packaging and Weights

<b>Cable weight</b>	48 kg/km   32.255 lb/kft
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## \* Footnotes

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