# 64624474-12 | 0-012-LN-5X-M12NS/PE/PA



Product Classification

Outdoor Fiber Optic Cable, 12-fiber, loose tube, OM4

Regional Availability Australia/New Zealand			
Product Type	t Type Fiber OSP cable		
Product Series	O-LN		
General Specifications			
Cable Type	Loose tube		
Construction Type	Non-armored		
Subunit Type	Gel-filled		
Jacket Color Black			
Jacket Marking	Meters		
Subunit, quantity	6		
Total Fiber Count	12		
Dimensions			
Buffer Tube/Subunit Diameter 1.55 mm   0.061			
Diameter Over Jacket	6.3 mm   0.248 in		

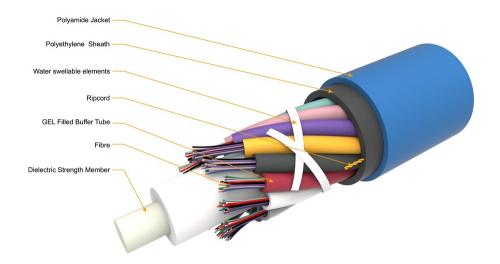
# Representative Image

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# Material Specifications

Jacket Material	Nylon
Inner Jacket Material	PE
Mechanical Specifications	
Minimum Bend Radius, loaded	160 mm   6.299 in
Minimum Bend Radius, unloaded	65 mm   2.559 in
Tensile Load, long term, maximum	1000 N   224.809 lbf
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Cable Crush Resistance, maximum	20 N/mm   114.203 lb/in
Compression Test Method	IEC 60794-1-21 E3
Flex	25 cycles
Impact Test Method	IEC 60794-1 E4
Twist	10 cycles
Twist Test Method	IEC 60794-1-21 E7

### **Optical Specifications**

**Fiber Type** 

OM4, LazrSPEED®

TIA-492AAAD (OM4)

# Optical Specifications, Wavelength Specific

#### **Standards Compliance**

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### **Environmental Specifications**

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	0 °C to +50 °C (+32 °F to +122 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Environmental Space	Outdoor   Outdoor, buried   UV resistant for outdoor
Jacket UV Resistance	UV stabilized
Water Penetration Test Method	IEC 60794-1 F5C

# Environmental Test Specifications

Low High Bend Test Method	IEC 60794-1-21 E11
Temperature Cycle Test Method	IEC 60794-1-22 F1

### Packaging and Weights

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### Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



#### \* Footnotes

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

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