

2-599623-5

**Fiber Optic Cable, OM1, 6-fiber, loose tube, 2000 m, orange**

## Body Features

Cable Color	Orange
Cable Construction	1 x 6
Bend Radius (Installation)	130.05 mm   5.12 in
Bend Radius (Long Term)	80.00 mm   3.15 in
Tensile Strength (Installation)	1249.95 N   281.00 lbf
Tensile Strength (Long Term)	650.00 N   146.13 lbf
Weight (Nominal)	48.0 kg/km

## Configuration Features

Number of Fibers	6
Number of Fillers	1

## Dimensions

Length	1999.99 m   6561.66 ft
Outside Diameter	6.40 mm   0.25 in

## Industry Standards

Flammability Rating	ULSZH (Universal Low Smoke Zero Halogen)
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## Operation/Application

Environment	Outdoor
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## Product Availability

Region	Asia   Australia/New Zealand   EMEA
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## Product Type Features

Product Type	Cable
Fiber Type	OM1
Armoring	None
Cable Type	Fiber Optic
Fiber Cable Buffering	Loose tube, gel-filled
Fiber Diameter	62.5/125 $\mu$ m
Fiber Specification	IEC 60794-1
System	AMP NETCONNECT

## Signal Characteristics

Attenuation, maximum (1300nm)	1.00 dB/km
Attenuation, maximum (850nm)	3.50 dB/km

## Usage Conditions

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Installation Temperature Range -5 – 50 °C  
Operating Temperature Range -20 – 70 °C | -4 – 158 °F  
Storage Temperature Range -20 – 70 °C

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2011/65/EU

**Classification**  
Compliant