



3-1553419-9

Fiber Optic Cable, quad, OFNP, 4.8 mm, OM3, aqua

Body Features

Cable Color	Aqua
Cable Construction	1 x 4
Bend Radius (Installation)	96.00 mm 3.78 in
Bend Radius (Long Term)	48.00 mm 1.89 in
Tensile Strength (Installation)	97.86 N 22.00 lbf
Tensile Strength (Long Term)	31.14 N 7.00 lbf
Weight (Nominal)	30.0 kg/km 20.0 lb/kft

Configuration Features

Number of Fibers	4
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Dimensions

Outside Diameter	4.80 mm 0.19 in
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Industry Standards

Flammability Rating	OFNP (Plenum) Jacket
Standards Compliance	ANSI/ICEA S-83-596 ANSI/TIA-568 ANSI/TIA/EIA-568-B.1 ANSI/TIA/EIA-568-B.2 Telcordia GR-409 Telcordia GR-409-CORE

Operation/Application

Environment	Indoor
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Product Availability

Region	Asia Latin America North America
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Product Type Features

Product Type	Cable
Fiber Type	OM3
Armoring	None
Cable Type	Fiber Optic
Fiber Cable Buffering	Tight buffer
Fiber Diameter	50/125 µm
Fiber Specification	IEC 60793-2-10 A1a.2 TIA-492AAAC-XBAX
Optical Mode	Multimode
System	AMP NETCONNECT

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Signal Characteristics

10GbE Transmission Distance (Min) (850nm)	300.0 m		984.3 ft
Attenuation, maximum (1300nm)	1.00 dB/km		
Attenuation, maximum (850nm)	3.20 dB/km		
Effective Modal Bandwidth (Min) (850nm)	2000 MHz-km		
Overfilled Launch Bandwidth (Min) (1300nm)	500 MHz-km		
Overfilled Launch Bandwidth (Min) (850nm)	1500 MHz-km		

Usage Conditions

Installation Temperature Range	0 – 60 °C		32 – 140 °F
Operating Temperature Range	0 – 70 °C		32 – 158 °F
Storage Temperature Range	-40 – 158 °F		-40 – 70 °C

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

Classification

Compliant