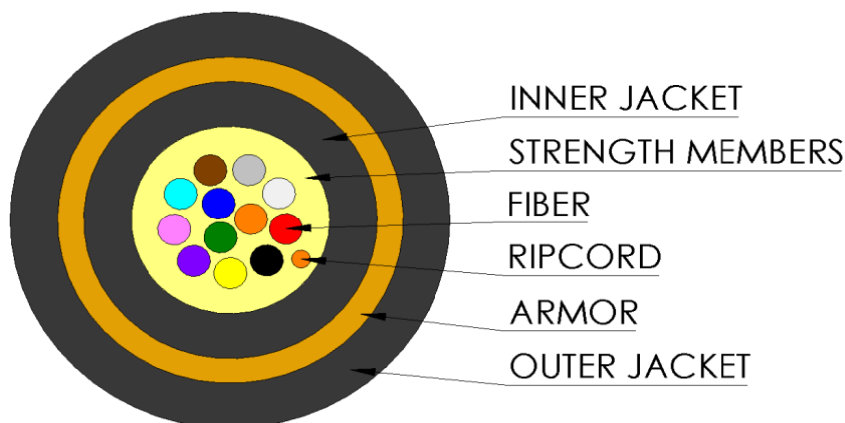


Part Number:

TM-4D9-012-LBAN

Description:

Marine Grade, Indoor/Outdoor,
Distribution, OM4, 12 Fibers, Non-Unit
900um, Bronze Braid Armor, Double
Jacket, Black, LSZH, OFCR-ST1, ABS
Approved



Fiber Type Specification

Fiber Type:	OM4-BIF 50/125μm Multimode
Fiber Diameter:	900μm
Fiber Count:	12
Fiber Color Coding:	Per TIA/EIA 598

Inner Jacket Specifications

Material:	LSZH Thermoplastic
Nominal Diameter:	0.320" (8.1 mm)
Jacket Color:	Black
Strength Members:	Waterblocking Aramid Yarns
Number of Ripcords:	1

Armor Specifications

Material:	Bronze Braid
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Outer Jacket Specifications

Material:	LSZH Thermoplastic
Nominal Diameter:	0.475" (12.1 mm)
Color:	Black

Optical Characteristics

Wavelength:	850 nm	1300 nm
Max Attenuation:	3.0 dB/km	1.0 dB/km
10 Gigabit Ethernet Performance:	550 m	--
Min Effective Modal Bandwidth (EMB):	4700 MHz.km	--
Min Overfilled Launch (OFL) Bandwidth:	3500 MHz.km	500 MHz.km

Mechanical Characteristics

Min Bend Radius During Installation:	20 x cable OD
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Min Bend Radius During Operation:	10 x cable OD
Max Tensile Strength During Installation:	600 lbf (2670 N)
Max Tensile Strength During Operation:	180 lbf (800 N)
Crush Resistance:	440 N/cm

Temperature Range

Operating:	-40°C to +70°C
Installation:	-10°C to +60°C
Storage:	-40°C to +70°C

Standards

Flame Rating:	UL TYPE OFCR-ST1 - cUL OFCR-ST1 FT4
Telecommunications Standards:	ICEA S-104-696
RoHS:	Compliant
Approvals:	ABS Type Approved

History

Revision	Engineer	Date	Description
0	AAO	4/26/2022	TD Created

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