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FIBER TYPE	MULTIMODE, OM2, BEND INSENSITIVE
CORE DIAMETER	50 μ m
CLADDING DIAMETER	125 μ m
PRIMARY COATING DIA. (UV CURED ACRYLATE)	245 μ m
SECONDARY BUFFER DIA. (HARD ELASTOMERIC)	900 μ m
NUMERICAL APERTURE	0.20
PROOF TEST LEVEL	100 kpsi

WAVELENGTH:	850 nm	1310 nm
GIGABYTE ETHERNET DISTANCE	600 m	600 m
MAXIMUM ATTENUATION	3.5 dB/km	1.5 dB/km
MINIMUM LASER BANDWIDTH	510 MHz-km	500 MHz-km
MINIMUM OFL LED BANDWIDTH	500 MHz-km	500 MHz-km

CABLE WEIGHT	18 kg/km (12 lbs/1000 ft)
CABLE DIAMETER	2.9 x 5.8 mm (0.11 x 0.23 in)

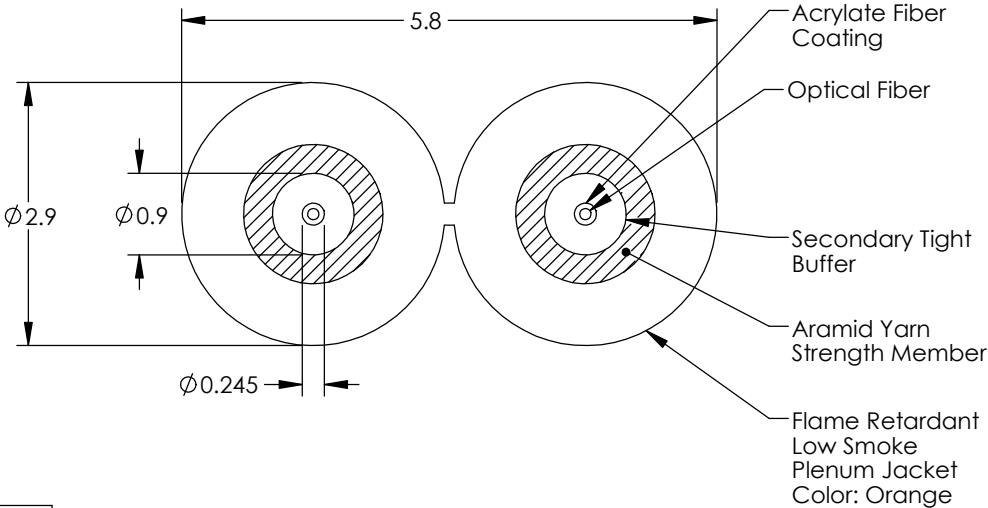
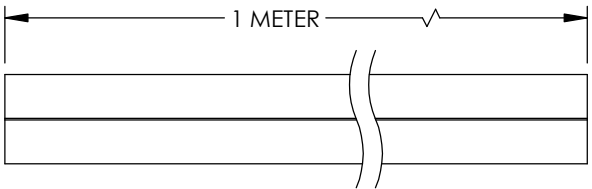
SHORT-TERM:	
MAX TENSILE LOAD	500 N (110 lbs)
MIN BEND RADIUS	5.0 cm (2.0 in)

LONG-TERM:	
MAX TENSILE LOAD	250 N (55 lbs)
MIN BEND RADIUS	3.0 cm (1.2 in)

IMPACT RESISTANCE	200 IMPACTS
CRUSH RESISTANCE	500 N/cm

OPERATING TEMPERATURE	0°C TO +70°C
STORAGE TEMPERATURE	-40°C TO +85°C
INSTALLATION TEMPERATURE	0°C TO +60°C (actual temp. of cable)
FLAME RETARDANCY	OFNP

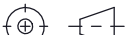
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/22/2021	S.XU



ALL DIMENSIONS IN mm, DRAWING NOT TO SCALE

NOTES:

1. CABLE SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

<div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES (mm)</div> <div>OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +1 [25] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0</div> <div>ALL OTHER DIMENSIONAL TOLERANCES: .X = ±.2 [5] FRACTIONS .XX = .02 [5] ± 1/32 .XXX = ±.005 [1.3] ANGLES ± 1°</div>	<div>APPROVALS</div> <div>DRAWN BY BZHANG</div> <div>CHECKED BY S.XU</div> <div>APPROVED BY S.XU</div>		<div>DATE</div> <div>09/15/2021</div> <div>09/15/2021</div> <div>09/15/2021</div>		<div><div>L-com™</div><div>an INFINITI® brand</div></div> <div>50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936</div>			
	<div>CATEGORY</div> <div>FIBER OPTIC</div>				<div>PRODUCT DESCRIPTION</div> <div>1M Interval Economy OM2 MMF 50/125 Duplex Fiber Cable 3.0mm OD Bend-Insensitive Orange OFNP</div>			
	<div>THIRD-ANGLE PROJECTION</div> <div></div>		<div>COLOR VARIATIONS MAY OCCUR</div>		<div>SIZE</div> <div>A</div>	<div>CAGE CODE</div> <div>43321</div>	<div>ITEM NO.</div> <div>FOBBI30OM2POZV-M</div>	<div>REV.</div> <div>A</div>
					<div>SCALE: NONE</div> <div>CAD FILE: FOBBI30OM2POZV-M.SLDRW</div>		<div>SHEET 1 OF 1</div>	