

FIBER TYPE	MULTIMODE - OM2
CORE DIAMETER	50 μm
CLADDING DIAMETER	125 μm
CABLE (O.D.) (mm)	2.0 ± 0.1
CABLE THICKNESS (mm)	0.33 ± 0.05
CABLE MATERIAL	LSZH
BUFFER (O.D.) (mm)	0.90 ± 0.05
BUFFER MATERIAL	PVC

WAVELENGTH:	850/1300nm FIBER TYPE	850/1300nm MAXIMUM
ATTENUATION	3.0/1.0 dB/km	3.5/1.5 dB/km
OFL BANDWIDTH (MHz.km)	≥500/500	
EFFECTIVE MODER (MHz.km)	N.A.	
10G ETHERNET SX (M)	N.A.	
STRENGTH MEMBERS	ARAMID YARN	
JACKET SHRINKAGE	≤5% (2H BAKE AT 85°C ± 2°C)	
RELATIVELY HUMIDITY	0 ~ 90%	

MAX. TENSILE STRENGTH (N)	
SHORT TERM	75
LONG TERM	30

MIN. BEND RADIUS (mm)	
DYNAMIC	20X DIA.
STATIC	10X DIA.

MAX. CRUSH RESISTANCE (N/100mm)	
SHORT TERM	200
LONG TERM	50

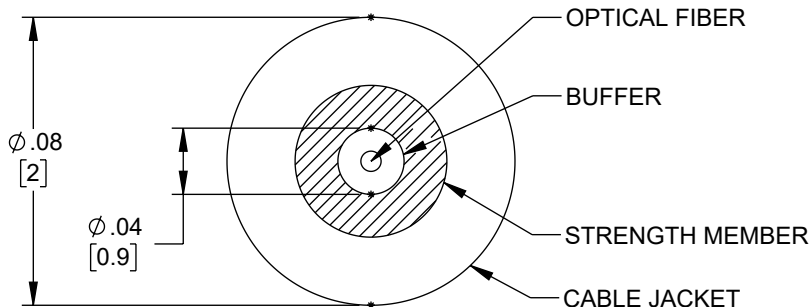
NOTES:

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

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/19/2023	PSRINIVAS	PHOSPODAR



<small>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</small> TOLERANCES: X = ±.2 [5] FRACTIONS ± 1/32 .XX = ±.02 [0.5] ANGLES ± 1° .XXX = ±.005 [0.13]	 an INFINIT@ brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936		 <small>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</small>	
	<small>CABLE LENGTH TOLERANCES:</small> ≤12 [305] = +1 [25] / -0 >12 [305] ≤ 60 [1524] = +2 [51] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0		<small>SCALE</small> NONE	<small>SHEET</small> 1 OF 1
DESCRIPTION ROUND SIMPLEX OPTICAL CABLE, 50/125 OM2, LSZH RATED, 2.0mm, 500 METERS				
<small>SIZE</small> A	<small>CAGE CODE</small> 43321	<small>DRAWN BY</small> PSRINIVAS	<small>ITEM NO.</small> FOB-1F2DM2Z-500M	<small>REV</small> A