

FIBER TYPE	MULTIMODE - OM1
CORE DIAMETER	62.5 $\mu$ m
CLADDING DIAMETER	125 $\mu$ m
CABLE (O.D.) (mm)	2.9 $\pm$ 0.1
CABLE THICKNESS (mm)	0.5 $\pm$ 0.05
CABLE MATERIAL	LSZH
BUFFER (O.D.) (mm)	0.87 $\pm$ 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)	$\geq$ 200/500	
EFFECTIVE MODER (MHz.km)	N.A.	
10G ETHERNET SX (M)	N.A.	
STRENGTH MEMBERS	ARAMID YARN	
JACKET SHRINKAGE	$\leq$ 5% (2H BAKE AT 85 °C $\pm$ 2 °C)	
RELATIVELY HUMIDITY	0 ~ 90%	

MAX. TENSILE STRENGTH (N)	
SHORT TERM	100
LONG TERM	50

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

MAX. CRUSH RESISTANCE (N/100mm)	
SHORT TERM	500
LONG TERM	100

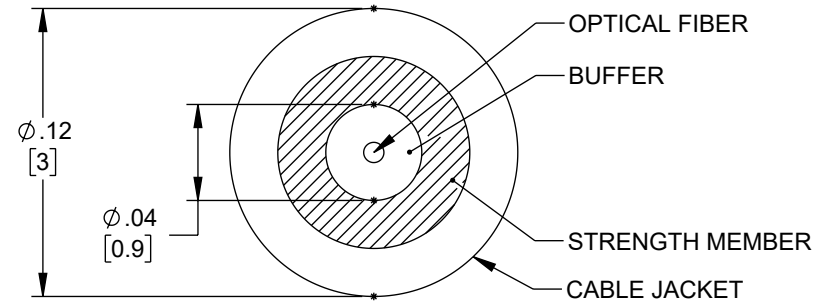
NOTES:

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> <b>TOLERANCES:</b> X = $\pm$ 2 [5]      FRACTIONS XX = $\pm$ 02 [0.5] $\pm$ 1/32 .XXX = $\pm$ 005 [0.13]      ANGLES $\pm$ 1°	 <b>an INFINIT@ brand</b> 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> SCALE      SHEET NONE      1 OF 1		
			DESCRIPTION <b>ROUND SIMPLEX OPTICAL CABLE, 62.5/125 OM1, LSZH RATED, 3.0mm, 500 METERS</b>		
<small>ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.</small>	SIZE <b>A</b>	CAGE CODE <b>43321</b>	DRAWN BY <b>PSRINIVAS</b>	ITEM NO. <b>FOB-1F3DM1Z-500M</b>	REV <b>A</b>