

FIBER TYPE	MULTIMODE - OM2
CORE DIAMETER	50 $\mu\text{m}$
CLADDING DIAMETER	125 $\mu\text{m}$
CABLE (O.D.) (mm)	2.0 $\pm$ 0.1
CABLE THICKNESS (mm)	0.33 $\pm$ 0.05
CABLE MATERIAL	PVC
BUFFER (O.D.) (mm)	0.90 $\pm$ 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)	$\geq$ 500/500	
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	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:

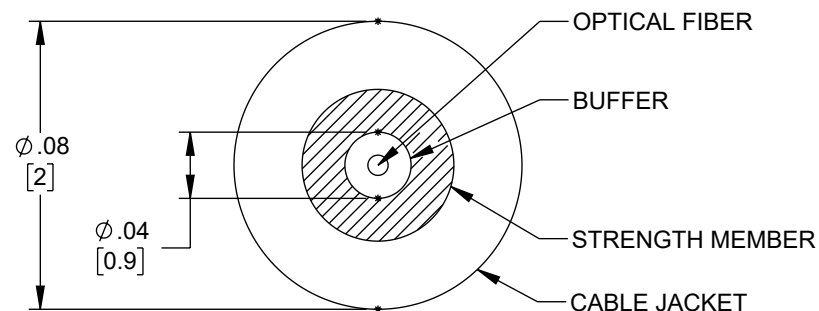
1. BULK CABLE SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

## 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> <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	
<small>CABLE LENGTH TOLERANCES:</small> $\leq$ 12 [305] = $\pm$ 1 [25] / -0 $>$ 12 [1524] $\leq$ 60 [1524] = $\pm$ 2 [51] / -0 $>$ 60 [1524] $\leq$ 120 [3048] = $\pm$ 4 [102] / -0 $>$ 120 [3048] $\leq$ 300 [7620] = $\pm$ 6 [152] / -0 $>$ 300 [7620] = $\pm$ 5% / -0 <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>	DESCRIPTION <b>ROUND SIMPLEX OPTICAL CABLE, 50/125 OM2, RISER RATED, 2.0mm, 1KM</b>		NONE	1 OF 1	
SIZE	CAGE CODE	DRAWN BY	ITEM NO.		REV
A	43321	PSRINIVAS	FOB-1F2DM2R-1KM		A