

6

5

4

3

2

1

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

FIBER TYPE	MULTIMODE - OM1
CORE DIAMETER	62.5 μ m
CLADDING DIAMETER	125 μ 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

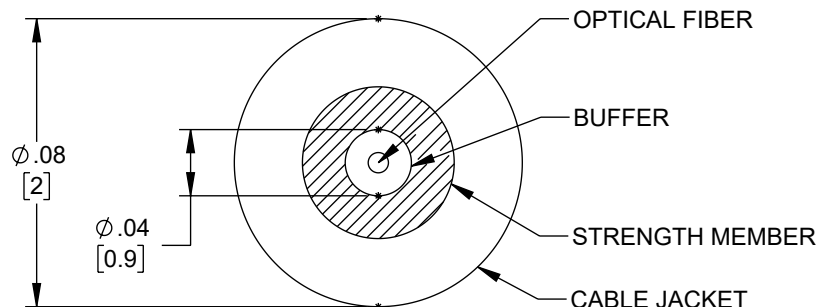
NOTES:

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

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: .X = \pm 2 [5] FRACTIONS .XX = \pm 0.02 [0.5] \pm 1/32 .XXX = \pm 0.005 [0.13] ANGLES \pm 1° CABLE LENGTH TOLERANCES: \leq 12 [305] = +1 [25] / -0 >12 [305] \leq 60 [1524] = +2 [51] / -0 >60 [1524] \leq 120 [3048] = +4 [102] / -0 >120 [3048] \leq 300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0 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	 an INFINIT@ brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936	 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE SHEET NONE 1 OF 1		
			DESCRIPTION ROUND SIMPLEX OPTICAL CABLE, 62.5/125 OM1, RISER RATED, 2.0mm, 1KM	
SIZE A	CAGE CODE 43321	DRAWN BY PSRINIVAS	ITEM NO. FOB-1F2DM1R-1KM	REV A

6

5

4

3

2

1