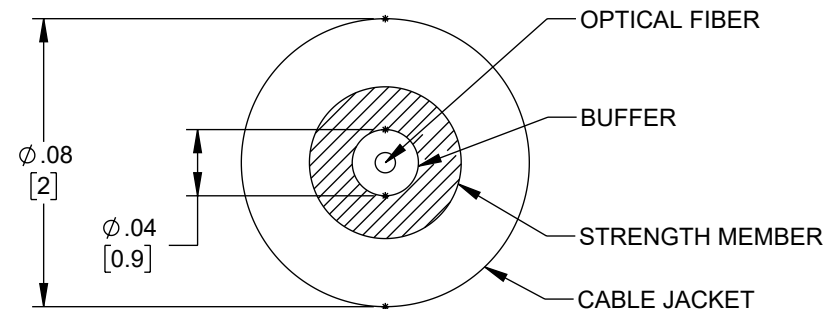


REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/19/2023	PSRINIVAS	PHOSPODAR



FIBER TYPE	MULTIMODE - OM1
CORE DIAMETER	62.5 $\mu\text{m}$
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	LSZH
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)

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UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

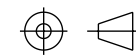
TOLERANCES:  
 .X =  $\pm$ 2 [5]  
 .XX =  $\pm$ 0.02 [0.5]  
 .XXX =  $\pm$ 0.005 [0.13]  
 FRACTIONS  
 $\pm$  1/32  
 ANGLES  $\pm$  1°

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

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION  
**ROUND SIMPLEX OPTICAL CABLE, 62.5/125 OM1, LSZH  
 RATED, 2.0mm, 1KM**

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	PSRINIVAS	FOB-1F2DM1Z-1KM	A