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FIBER TYPE	SINGLE MODE
CORE DIAMETER	9 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	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)	$\geq$ 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	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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LC LG Rev-D4 Asize

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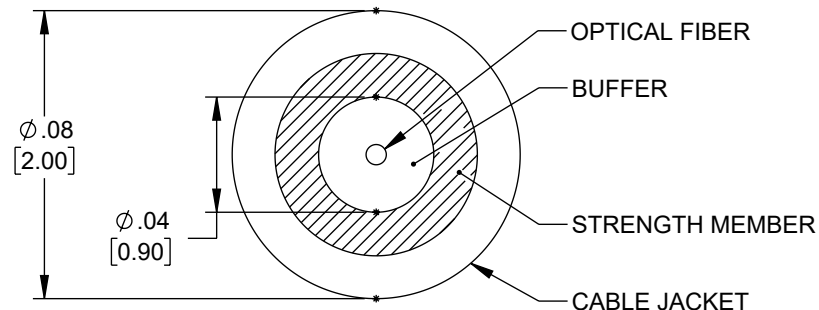
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/19/2023	PSRINIVAS	PHOSPODAR



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

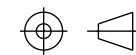
TOLERANCES:
 X = $\pm$ 2 [5] FRACTIONS
 .XX = $\pm$ 0.02 [0.5] $\pm$ 1/32
 .XXX = $\pm$ 0.005 [0.13] ANGLES $\pm$ 1°

CABLE LENGTH TOLERANCES:
 $\leq$ 12 [305] = $\pm$ 1 [25] / -0
 $>$ 12 [305] $\leq$ 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

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, 9/125 SINGLE MODE,
LSZH RATED, 2.0mm, 500 METERS

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	PSRINIVAS	FOB-1F2DSMZ-500M	A