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FIBER TYPE	MULTIMODE - OM2
CORE DIAMETER	50 $\mu\text{m}$
CLADDING DIAMETER	125 $\mu\text{m}$
CABLE (O.D.) (mm)	2.9 $\pm$ 0.1
CABLE THICKNESS (mm)	0.5 $\pm$ 0.05
CABLE MATERIAL	OFNP
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)	$\geq$ 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	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:

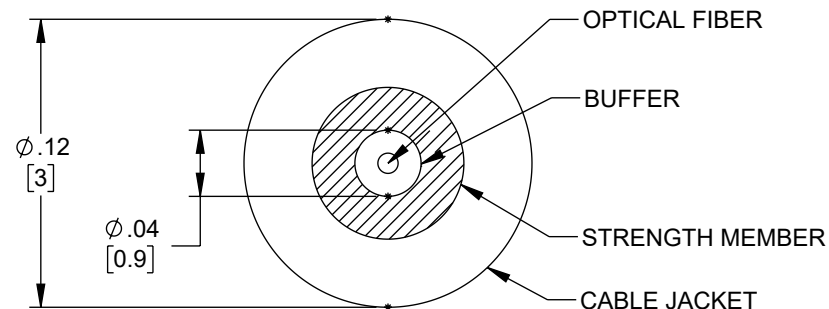
1. BULK CABLE SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

## 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



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

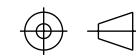
TOLERANCES:  
 .X =  $\pm$ .2 [5]      FRACTIONS  
 .XX =  $\pm$ .02 [0.5]       $\pm$  1/32  
 .XXX =  $\pm$ .005 [0.13]      ANGLES  $\pm$  1°

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, 50/125 OM2, PLENUM  
RATED, 3.0mm, CONTINUOUS RUN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	PSRINIVAS	FOB-1F3DM2P-M	A

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