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FIBER TYPE	MULTIMODE - OM2
CORE DIAMETER	50 μ m
CLADDING DIAMETER	125 μ 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:

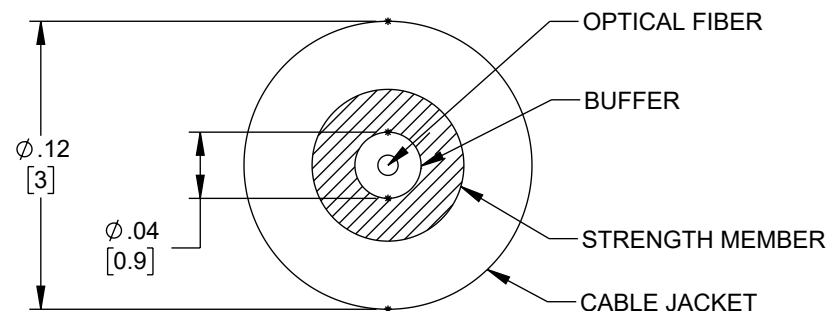
1. BULK CABLE SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

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

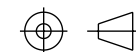
TOLERANCES:
 .X = \pm 2 [5] FRACTIONS
 .XX = \pm 0.02 [0.5] \pm 1/32
 .XXX = \pm 0.005 [0.13] ANGLES \pm 1°

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, 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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