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FIBER TYPE	SINGLE MODE
CORE DIAMETER	9 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	PVC
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 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	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

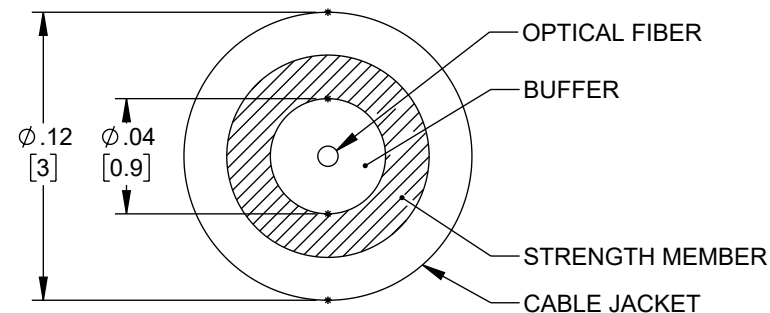
NOTES:

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



<small>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</small> TOLERANCES: X = \pm 2 [5] FRACTIONS .XX = \pm 0.02 [0.5] \pm 1/32 .XXX = \pm 0.005 [0.13] ANGLES \pm 1°	 an INFINIT@ brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936		 <small>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</small>	
			SCALE	SHEET
<small>CABLE LENGTH TOLERANCES:</small> \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	<small>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.</small>		NONE	1 OF 1
DESCRIPTION ROUND SIMPLEX OPTICAL CABLE, 9/125 SINGLE MODE, RISER RATED, 3.0mm, 500 METERS				
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	PSRINIVAS	FOB-1F3DSMR-500M	A

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