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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	LSZH
BUFFER (O.D.) (mm)	0.87 $\pm$ 0.05
BUFFER MATERIAL	PVC

WAVELENGTH:	850/1300nm	850/1300nm
	FIBER TYPE	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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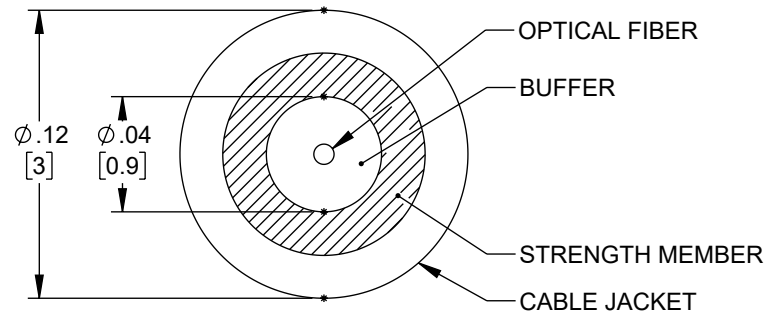
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/19/2023	PSRINIVAS	PHOSPODAR



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	
X = $\pm$ 2 [5]	FRACTIONS $\pm$ 1/32
.XX = $\pm$ 0.02 [0.5]	ANGLES $\pm$ 1°
.XXX = $\pm$ 0.005 [0.13]	
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	

L-com an INFINIT@ brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
DESCRIPTION		SCALE	SHEET
ROUND SIMPLEX OPTICAL CABLE, 9/125 SINGLE MODE, LSZH RATED, 3.0mm, 500 METERS		NONE	1 OF 1
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	43321	PSRINIVAS	FOB-1F3DSMZ-500M
			REV
			A