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FIBER TYPE	SINGLE MODE
CORE DIAMETER	9 μ m
CLADDING DIAMETER	125 μ m
CABLE (O.D.) (mm)	2.9 * 5.8
CABLE THICKNESS (mm)	0.49 $\pm$ 0.04
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)	$\geq$ 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)	

MAX. TENSILE STRENGTH (N)	
SHORT TERM	200
LONG TERM	100

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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LC LG Rev-D4 Asize

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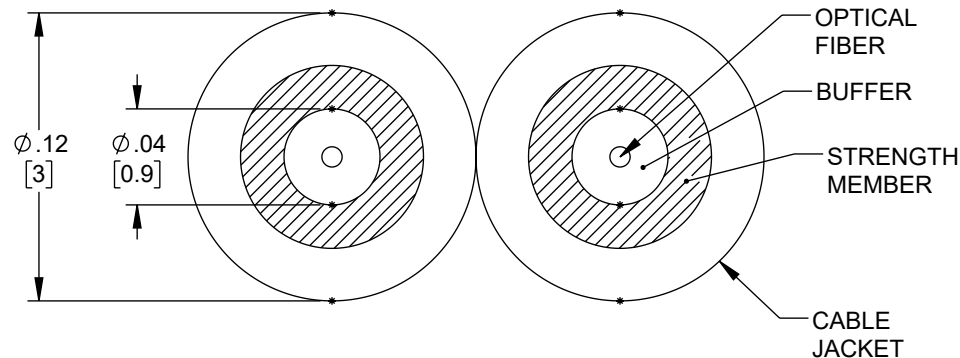
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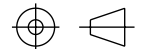
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/19/2023	PSRINIVAS	PHOSPODAR



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: X = ± 2 [5] FRACTIONS .XX = ± 0.02 [0.5] ± 1/32 .XXX = ± 0.005 [0.13] ANGLES ± 1°		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		
CABLE LENGTH TOLERANCES: ≤12 [305] = ±1 [25] / -0 >12 [305] ≤ 60 [1524] = +2 [51] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +6 [152] / -0 >300 [7620] = +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		SCALE: NONE SHEET: 1 OF 1 DESCRIPTION ROUND DUPLEX OPTICAL CABLE, 9/125 SINGLE MODE, RISER RATED, 3.0mm, 500 METERS		
SIZE A	CAGE CODE 43321	DRAWN BY PSRINIVAS	ITEM NO. FOB-2F3DSMR-500M	REV A