

6 5 4 3 2 1

FIBER TYPE	MULTIMODE - OM3
CORE DIAMETER	50 μm
CLADDING DIAMETER	125 μm
CABLE (O.D.) (mm)	2.9 ± 0.1
CABLE THICKNESS (mm)	0.5 ± 0.05
CABLE MATERIAL	LSZH
BUFFER (O.D.) (mm)	0.87 ± 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)	≥500/500	
EFFECTIVE MODER (MHz.km)	N.A.	
10G ETHERNET SX (M)	N.A.	
STRENGTH MEMBERS	ARAMID YARN	
JACKET SHRINKAGE	≤ 5% (2H BAKE AT 85 °C ± 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		<b>L-com</b> 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	
TOLERANCES: X = ±.2 [5]      FRACTIONS ± 1/32 .XX = ±.02 [0.5]      ANGLES ± 1° .XXX = ±.005 [0.13]				SCALE NONE	SHEET 1 OF 1
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		DESCRIPTION ROUND SIMPLEX OPTICAL CABLE, 50/125 10GB OM3, LSZH RATED, 3.0mm, 1KM			
SIZE A	CAGE CODE 43321	DRAWN BY PSRINIVAS	ITEM NO. FOB-1F3DM3Z-1KM	REV A	

LC LG Rev-D4 Asize 6 5 4 3 2 1