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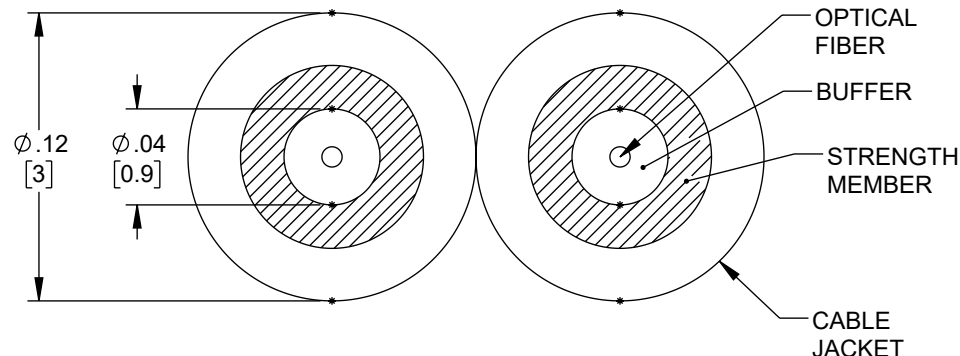
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FIBER TYPE	MULTIMODE - OM2
CORE DIAMETER	50 μ m
CLADDING DIAMETER	125 μ m
CABLE (O.D.) (mm)	2.9 * 5.8
CABLE THICKNESS (mm)	0.49 \pm 0.04
CABLE MATERIAL	PVC
BUFFER (O.D.) (mm)	0.87 \pm 0.05
BUFFER MATERIAL	PVC

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)	

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



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.

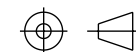
REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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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]	= +1 [25] / -0
>12 [305] \leq 60 [1524]	= +2 [51] / -0
>60 [1524] \leq 120 [3048]	= +4 [102] / -0
>120 [3048] \leq 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	

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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION
**ROUND DUPLEX OPTICAL CABLE, 50/125 OM2, RISER
RATED, 3.0mm, 500 METERS**

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	PSRINIVAS	FOB-2F3DM2R-500M	A

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