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|                      |                   |
|----------------------|-------------------|
| FIBER TYPE           | MULTIMODE - OM2   |
| CORE DIAMETER        | 50 $\mu\text{m}$  |
| CLADDING DIAMETER    | 125 $\mu\text{m}$ |
| 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<br>FIBER TYPE              | 850/1300nm<br>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) |                       |
| 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 |

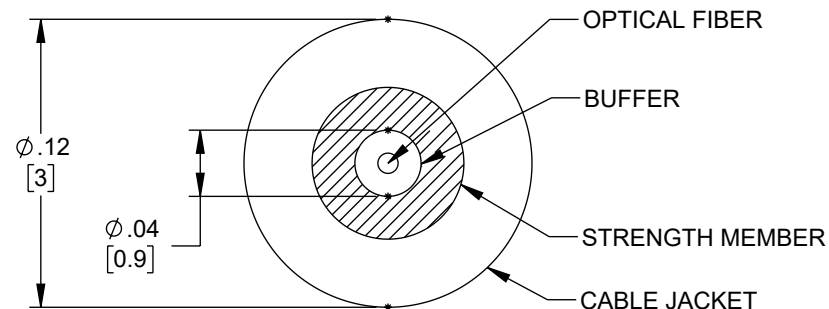
## NOTES:

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<br>LEADING DIMENSIONS ARE INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS<br><br>TOLERANCES:<br>.X = $\pm$ 2 [5]      FRACTIONS<br>.XX = $\pm$ 0.02 [0.5] $\pm$ 1/32<br>.XXX = $\pm$ 0.005 [0.13]      ANGLES $\pm$ 1°<br><br>CABLE LENGTH TOLERANCES:<br>$\leq$ 12 [305] = $\pm$ 1 [25] / -0<br>$>$ 12 [305] $\leq$ 60 [1524] = $\pm$ 2 [51] / -0<br>$>$ 60 [1524] $\leq$ 120 [3048] = $\pm$ 4 [102] / -0<br>$>$ 120 [3048] $\leq$ 300 [7620] = $\pm$ 6 [152] / -0<br>$>$ 300 [7620] = $\pm$ 5% / -0<br><br>ALL DIMENSIONS ARE FOR REFERENCE ONLY<br>AND SUBJECT TO CHANGE WITHOUT NOTICE.<br>UN-DIMENSIONED/NON-CRITICAL FEATURES<br>MAY VARY IN SIZE AND LOCATION<br>COLORS MAY VARY | <br><b>an INFINIT@ brand</b><br>Website: www.L-com.com<br>Phone: 1.800.341.5266   1.978.682.6936 |           | <br>INTERPRET ALL DIMENSIONS AND<br>TOLERANCES PER ASME Y14.5<br>SCALE      SHEET<br>NONE      1 OF 1 |     |
|  | DESCRIPTION<br><b>ROUND SIMPLEX OPTICAL CABLE, 50/125 OM2, LSZH<br/>RATED, 3.0mm, 500 METERS</b>  |           |  |     |
| SIZE   | CAGE CODE   | DRAWN BY  | ITEM NO.   | REV |
| A  | 43321   | PSRINIVAS | FOB-1F3DM2Z-500M   | A   |

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