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|                      |                 |
|----------------------|-----------------|
| FIBER TYPE           | MULTIMODE - OM1 |
| CORE DIAMETER        | 62.5 $\mu$ m    |
| CLADDING DIAMETER    | 125 $\mu$ 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)   | $\geq$ 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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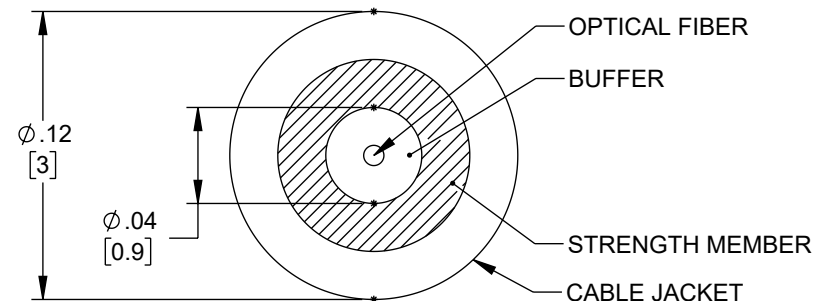
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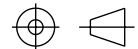
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| REVISION |     |                 |            |            |           |
|----------|-----|-----------------|------------|------------|-----------|
| ZONE     | REV | DESCRIPTION     | DATE       | CHANGED BY | APPROVED  |
|          | A   | INITIAL RELEASE | 10/19/2023 | PSRINIVAS  | PHOSPODAR |



|                                                                                                                                                                                                                |  |                                                                                                                      |                    |                                                                                                                                                    |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| UNLESS OTHERWISE SPECIFIED<br>LEADING DIMENSIONS ARE INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS                                                                                                               |  | <div>L-com®<br/>an INFINIT@ brand</div> <div>Website: www.L-com.com<br/>Phone: 1.800.341.5266   1.978.682.6936</div> |                    | <br>INTERPRET ALL DIMENSIONS AND<br>TOLERANCES PER ASME Y14.5 |                             |
| TOLERANCES:<br>X = ± 2 [5]      FRACTIONS<br>± 1/32<br>.XX = ± 0.02 [0.5]      ANGLES ± 1°<br>.XXX = ± 0.005 [0.13]                                                                                            |  |                                                                                                                      |                    | SCALE<br>NONE                                                                                                                                      | SHEET<br>1 OF 1             |
| CABLE LENGTH TOLERANCES:<br>≤12 [305] = ± 1 [25] / -0<br>>12 [305] ≤ 60 [1524] = +2 [51] / -0<br>>60 [1524] ≤ 120 [3048] = +4 [102] / -0<br>>120 [3048] ≤ 300 [7620] = +6 [152] / -0<br>>300 [7620] = +5% / -0 |  | DESCRIPTION<br><br>ROUND SIMPLEX OPTICAL CABLE, 62.5/125 OM1, LSZH<br>RATED, 3.0mm, 1KM                              |                    |                                                                                                                                                    |                             |
| 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                                      |  | SIZE<br>A                                                                                                            | CAGE CODE<br>43321 | DRAWN BY<br>PSRINIVAS                                                                                                                              | ITEM NO.<br>FOB-1F3DM1Z-1KM |
|                                                                                                                                                                                                                |  |                                                                                                                      |                    |                                                                                                                                                    | REV<br>A                    |