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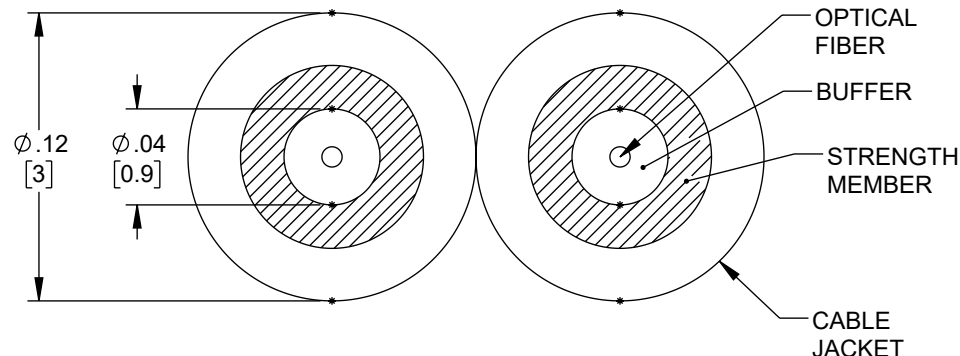
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|                      |                 |
|----------------------|-----------------|
| FIBER TYPE           | MULTIMODE - OM2 |
| CORE DIAMETER        | 50 $\mu$ m      |
| CLADDING DIAMETER    | 125 $\mu$ m     |
| CABLE (O.D.) (mm)    | 2.9 * 5.8       |
| 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<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) |                       |

| 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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|   |   |                       |   |          |
|---|---|-----------------------|---|----------|
| <p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <p>X = <math>\pm</math>2 [5]      FRACTIONS<br/> XX = <math>\pm</math>02 [0.5]      <math>\pm</math> 1/32<br/> XXX = <math>\pm</math>.005 [0.13]      ANGLES <math>\pm</math> 1°</p> <p>CABLE LENGTH TOLERANCES:</p> <p><math>\leq</math>12 [305] = +1 [25] / -0<br/> &gt;12 [305] <math>\leq</math> 60 [1524] = +2 [51] / -0<br/> &gt;60 [1524] <math>\leq</math> 120 [3048] = +4 [102] / -0<br/> &gt;120 [3048] <math>\leq</math> 300 [7620] = +6 [152] / -0<br/> &gt;300 [7620] = +5% / -0</p> <p>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</p> | <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 TOLERANCES PER ASME Y14.5<br>SCALE: NONE      SHEET: 1 OF 1 |          |
|   | DESCRIPTION<br><b>ROUND DUPLEX OPTICAL CABLE, 50/125 OM2, RISER RATED, 3.0mm, 1KM</b>   |                       |   |          |
| SIZE<br>A   | CAGE CODE<br>43321  | DRAWN BY<br>PSRINIVAS | ITEM NO.<br>FOB-2F3DM2R-1KM   | REV<br>A |

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