

6

5

4

3

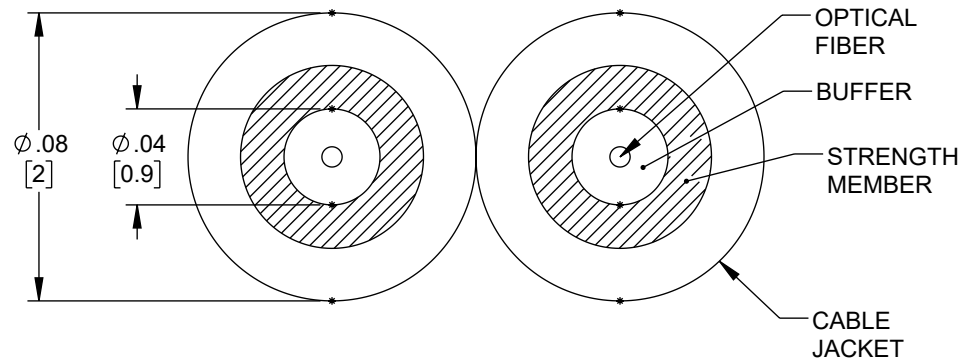
2

1

| | |
|----------------------|-----------------|
| FIBER TYPE | MULTIMODE - OM3 |
| CORE DIAMETER | 50 μ m |
| CLADDING DIAMETER | 125 μ m |
| CABLE (O.D.) (mm) | 2.0 * 4.1 |
| CABLE THICKNESS (mm) | 0.3 \pm 0.05 |
| 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 | 150 |
| LONG TERM | 70 |

| | |
|-----------------------|----------|
| MIN. BEND RADIUS (mm) | |
| DYNAMIC | 20X DIA. |
| STATIC | 10X DIA. |

| | |
|---------------------------------|-----|
| MAX. CRUSH RESISTANCE (N/100mm) | |
| SHORT TERM | 300 |
| LONG TERM | 100 |

NOTES:

1. BULK CABLE SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

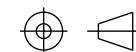
REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 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. | |

L-com
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

| | |
|-------|--------|
| SCALE | SHEET |
| NONE | 1 OF 1 |

DESCRIPTION
ROUND DUPLEX OPTICAL CABLE, 50/125 10GB OM3, RISER RATED, 2.0mm, 500 METERS

| | | | | |
|------|-----------|-----------|------------------|-----|
| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
| A | 43321 | PSRINIVAS | FOB-2F2DM3R-500M | A |

6

5

4

3

2

1