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| FIBER TYPE | SINGLE MODE |
| CORE DIAMETER | 9 μ m |
| CLADDING DIAMETER | 125 μ m |
| CABLE (O.D.) mm | 2.0 \pm 0.1 |
| CABLE THICKNESS (mm) | 0.33 \pm 0.05 |
| CABLE MATERIAL | LSZH |
| BUFFER (O.D.) (mm) | 0.90 \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 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 % | |

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|---------------------------|----|
| MAX. TENSILE STRENGTH (N) | |
| SHORT TERM | 75 |
| LONG TERM | 30 |

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

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|---------------------------------|-----|
| MAX. CRUSH RESISTANCE (N/100mm) | |
| SHORT TERM | 200 |
| LONG TERM | 50 |

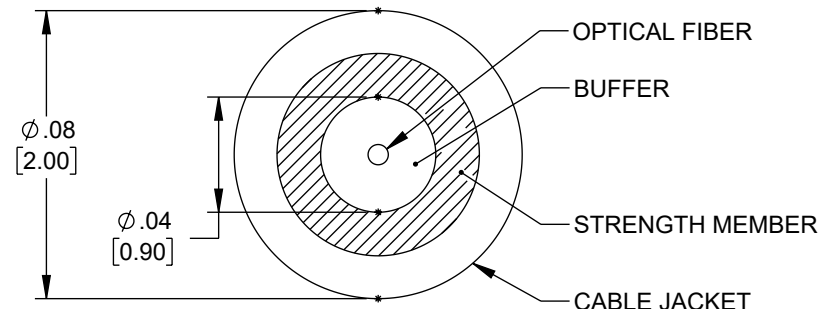
NOTES:

- 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 |



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|--|-----------|---|------------------|---|-------|
| UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS | |  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 | |
| TOLERANCES: .X = \pm 2 [5] FRACTIONS .XX = \pm 0.02 [0.5] \pm 1/32 .XXX = \pm 0.005 [0.13] ANGLES \pm 1° | | | | SCALE | SHEET |
| 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 | | DESCRIPTION ROUND SIMPLEX OPTICAL CABLE, 9/125 SINGLE MODE, LSZH RATED, 2.0mm, 500 METERS | | NONE 1 OF 1 | |
| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | | REV |
| A | 43321 | PSRINIVAS | FOB-1F2DSMZ-500M | | A |

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