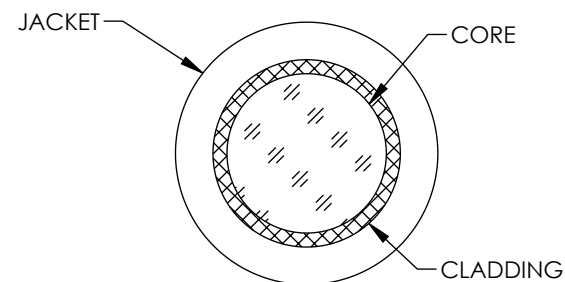


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| REVISION | | | | | |
|----------|-----|-----------------|------------|------------|-----------|
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
| | A | INITIAL RELEASE | 06/06/2023 | DFRISIELLO | PHOSPODAR |

| STRUCTURE: | VALUE: |
|--------------------------|--------------------------------------|
| CORE DIAMETER | 980 μ m |
| CORE MATERIAL | POLYMETHYL METHACRYLATE RESIN (PMMA) |
| CLADDING DIAMETER | 1000 μ m |
| CLADDING MATERIAL | FLUORINATED POLYMER |
| JACKET DIAMETER | 2.20 mm |
| JACKET MATERIAL, COLOR | PVC, GRAY |
| INDICATION ON JACKET | PINK LINE |
| CORE REFRACTIVE INDEX | 1.49 |
| REFRACTIVE INDEX PROFILE | STEP INDEX |
| NUMERICAL APERTURE | 0.5 |



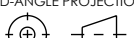
(DRAWING NOT TO SCALE)

| PERFORMANCE: | | | VALUE |
|-------------------------------------|-----------------------------------------------|----------------------------------------------------|---------------|
| OPERATION TEMPERATURE | | | -40°C ~ 85°C |
| OPERATION TEMPERATURE WITH HUMIDITY | | | 75°C MAX. |
| OPTICAL PROPERTIES | TRANSMISSION LOSS (650nm COLLIMATED LIGHT) | 25°C @50%RH | 170dB/km MAX. |
| | | OPERATING TEMP. | 190dB/km MAX. |
| MECHANICAL CHARACTERISTICS | MINIMUM BEND RADIUS | LOSS INCREMENT \leq 0.5dB | 25mm MIN. |
| | REPEATED BEND ENDURANCE | LOSS INCREMENT \leq 1dB | 5,000 MIN. |
| | TENSILE STRENGTH | TENSILE PERFORMANCE TEST EQUIPMENT | 70N MIN. |
| | TWISTING ENDURANCE | LOSS INCREMENT \leq 1dB (TENSILE FORCE: 4.9N) | 5 MIN. |
| | IMPACT ENDURANCE | LOSS INCREMENT \leq 1dB (JIS C 6861) | 0.4 N*m |

| ITEM NUMBER | LENGTH, METERS [FEET] |
|----------------|-----------------------|
| LCGHV4001-25M | 25.0 [82.03] |
| LCGHV4001-50M | 50.0 [164.05] |
| LCGHV4001-100M | 100.0 [328.10] |

NOTES:

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

| | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|-------------|--|--------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] | | APPROVALS | | DATE | | <div>L-com™</div> <div>an INFINIT® brand</div> | | 50 High Street, West Mill, North Andover, MA 01845 USA Phone: 1.800.341.5266 1.978.682.6936 | |
| OVERALL CABLE LENGTH TOLERANCE: <div>≤12 [305] = +1 [25] / -0</div> <div>>12 [305] ≤60 [1524] = +2 [51] / -0</div> <div>>60 [1524] ≤120 [3048] = +4 [102] / -0</div> <div>>120 [3048] ≤300 [7620] = +6 [152] / -0</div> <div>>300 [7620] = +5% / -0</div> | | DRAWN BY DFRISIELLO | | 06/01/2023 | | CATEGORY | | FIBER OPTIC | |
| | | CHECKED BY JJOHNSTON | | 06/01/2023 | | | | | |
| | | APPROVED BY PHOSPODAR | | 06/01/2023 | | | | | |
| ALL OTHER DIMENSIONAL TOLERANCES: <div>.X = ± .2 [5]</div> <div>.XX = ± .02 [.5]</div> <div>.XXX = ± .005 [.13]</div> | | FRACTIONS ± 1/32 | | ANGLES ± 1° | | PRODUCT DESCRIPTION Mitsubishi ESKA® GHV4001, 1x2.2mm Cable, POF Simplex | | | |
| THIRD-ANGLE PROJECTION  | | COLOR VARIATIONS MAY OCCUR | | SIZE A | | CAGE CODE 43321 | | ITEM NO. LCGHV4001 | |
| | | | | SCALE: NONE | | CAD FILE: LCGHV4001.SLDDRW | | SHEET 1 OF 1 | |