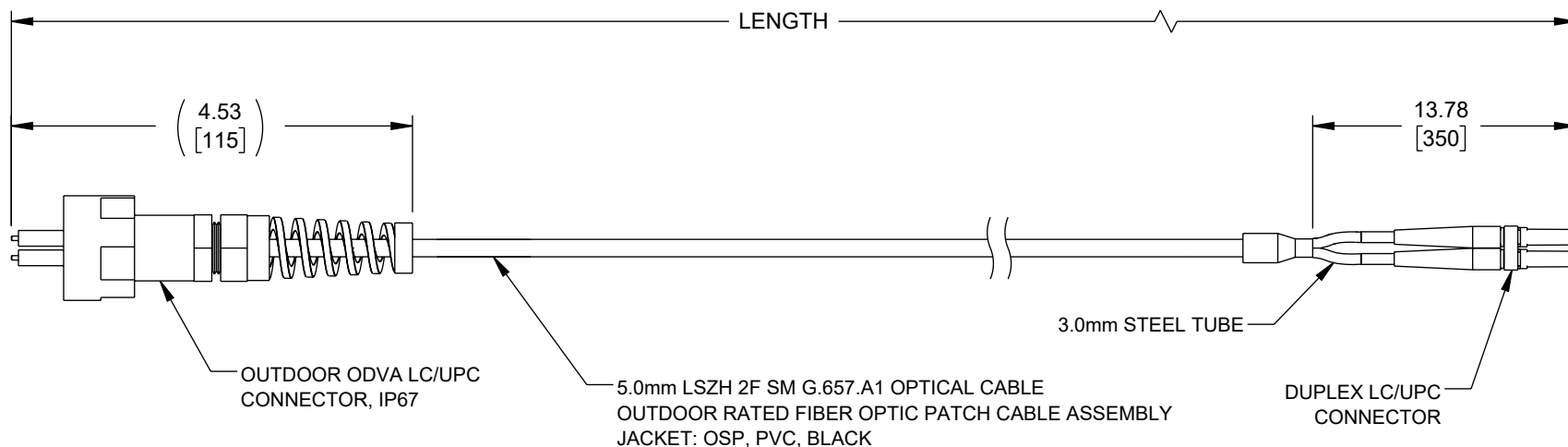


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| REVISION | | | | | |
|----------|-----|-------------|------------|------------|-----------|
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
| | B | ECO-12395 | 08/25/2023 | DMAY | PHOSPODAR |




Performance Characteristics

| Wavelength 1310 & 1550nm | Typical | | Units |
|--------------------------|---------|------|--------|
| Insertion Loss | ≤0.3 | | dB |
| Return Loss | ≥50.0 | | dB |
| Repeatability | ≤0.2 | | dB |
| Interchangeability | ≤0.2 | | dB |
| Durability | 800 | 1000 | cycles |

Environmental Characteristics

| | Minimum | Maximum | Units |
|-----------------------|----------|---------|-----------------|
| Storage Temperature | -40 | 85 | degrees celcius |
| Operating Temperature | -40 | 75 | degrees celcius |
| Bend Radius (BIXS) | | 15 | mm |
| Radius of Curvature | 7 | 25 | mm |
| Apex Offset | 0 | 50 | um |
| Fiber Height | Fn (ROC) | 100 | nm |
| Angle | -0.2 | 0.2 | degrees |

| PART NUMBER | LENGTH METERS [FEET] |
|---------------|-------------------------|
| FOA1ODD8-001M | 1.0 [3.28] |
| FOA1ODD8-002M | 2.0 [6.56] |
| FOA1ODD8-005M | 5.0 [16.40] |
| FOA1ODD8-010M | 10.0 [32.80] |
| FOA1ODD8-012M | 12.0 [39.37] |

| | | | | | | | |
|---|--|--|------------|---|---------------------------|----------------------|------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] | | APPROVALS | DATE | <div><div><div>L-com™</div><div>an INFINIT® brand</div></div><div>50 High Street, West Mill, North Andover, MA 01845 USA Phone: 1.800.341.5266 1.978.682.6936</div></div> | | | |
| OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0 | | DRAWN BY MVEERAPPAN | 2/6/2021 | | | | |
| | | CHECKED BY DFRISIELLO | 08/02/2021 | | | | |
| | | APPROVED BY PHOSPODAR | 08/02/2021 | | | | |
| ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] .XX = ± .02 [.5] .XXX = ± .005 [.13] | | CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY | | CATEGORY FIBER OPTIC | | | |
| | | | | PRODUCT DESCRIPTION OUTDOOR RATED SM ODVA TO DUPLEX LC/UPC, OSP JACKET CABLE ASSEMBLY | | | |
| THIRD-ANGLE PROJECTION  | | COLOR VARIATIONS MAY OCCUR | | SIZE A | CAGE CODE 43321 | ITEM NO. FOA1ODD8 | REV. B |
| | | | | SCALE: NONE | CAD FILE: FOA1ODD8.SLDDRW | | SHEET 1 OF |