|      | 8 7   | 6               |                | 5             | 4  |  | 3  | 2  | 1   |                                   |
|------|---|-----------------|----------------|---------------|--|--|--|--|---|-----------------------------------|
| THE  | E INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE   |                 |                |               |  |  | 1  | REVISIONS  | DATE  | 400001/52                         |
| PRO  | OPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE<br>THOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED. |                 |                |               |  | REV  |  | DESCRIPTION  | DATE  | APPROVED                          |
| **!! |   | ]               |                |               |  | A  | INITIAL RELEASE  |  | 02/25/202   | PHOSPODAR                         |
|      |   |                 |                |               |  |  |  |  |   |                                   |
|      |   |                 |                |               |  |  |  |  |   |                                   |
| FIB  | ER TYPE   | MULTIMODE, (    | DM1, RISER     |               |  |  |  |  |   |                                   |
| CC   | DRE DIAMETER  | 62.5 µm         |                |               |  |  |  |  |   |                                   |
|      | ADDING DIAMETER   | 125 µm          |                |               |  |  |  |  |   |                                   |
|      |   |                 |                |               |  |  |  |  |   |                                   |
|      | IMARY COATING DIA. (UV CURED ACRYLATE)  |                 |                |               |  |  |  |  |   |                                   |
| SEC  | CONDARY BUFFER DIA. (HARD ELASTOMERIC)  | 900 µm          |                |               |  |  |  |  |   |                                   |
| NU   | IMERICAL APERTURE   | 0.275           |                |               |  |  |  |  |   |                                   |
|      | OOF TEST LEVEL  | 100 kpsi        |                |               | -  |  | 1 METER  | <►   |   |                                   |
| 1 10 |   | 100 ((р5)       |                |               |  |  |  |  |   |                                   |
| WA   | AVELENGTH:  | 850 nm          | 1310 nm        |               |  |  | 1  | /  |   |                                   |
|      | GABYTE ETHERNET DISTANCE  | 300 m           | 600 m          | -             |  |  | (  |  |   |                                   |
|      |   |                 |                |               |  |  |  | \  |   |                                   |
|      | AXIMUM ATTENUATION  | 3.5 dB/km       | 1.5 dB/km      | _             |  |  |  | )  |   |                                   |
| MI   | NIMUM LASER BANDWIDTH   | 220 MHz-km      | 500 MHz-km     |               |  |  |  |  |   |                                   |
| MI   | NIMUM LED BANDWIDTH   | 200 MHz-km      | 1000 MHz-km    |               |  |  |  |  |   |                                   |
|      |   |                 |                |               |  |  |  |  |   |                                   |
| СА   | ABLE WEIGHT   | 8 kg/km (5 lbs  | /1000 ft)      |               |  |  |  |  |   |                                   |
|      | ABLE DIAMETER   | 2.9 (0.11 in)   |                |               |  |  |  |  |   |                                   |
| Cr   |   | 2.7 (0.11 11)   |                |               |  |  |  | Acrylate Fiber   |   |                                   |
|      |   |                 | _              |               | -  |  |  | Coating  |   |                                   |
| INS  | STALLATION:   |                 |                |               | 4  |  |  |  |   |                                   |
| MA   | AX TENSILE LOAD   | 500 N (110 lbs  | )              |               |  |  |  | Optical Fiber  |   |                                   |
|      | N BEND RADIUS   | 5.0 cm (2.0 in) | ,              |               |  |  |  |  |   |                                   |
| 7711 | IN DEIND RADIOS   | 0.0 CH (2.0 H)  |                |               | Ø2.9   | ///  | HHULINX  |  |   |                                   |
|      |   |                 |                |               | <b>4</b>   |  |  |  |   |                                   |
| OP   | PERATING:   |                 |                |               | Ø0.9   |  |  | Secondary Tight  |   |                                   |
|      | AX TENSILE LOAD   | 200 NJ (70 lbc) | _              |               |  | $\setminus$ $\langle \langle \rangle \rangle$  |  | / Buffer   |   |                                   |
|      |   | 300 N (70 lbs)  | _              |               |  | $\setminus $   | ///X/X//////   |  |   |                                   |
| MI   | n bend radius   | 3.0 cm (1.2 in) |                |               |  |  |  | Aramid Yarn  |   |                                   |
|      |   | •               |                |               | *  |  |  | Strength Membe   | Nr.   |                                   |
| 1    | PACT RESISTANCE   | 1000 IMPACTS    |                |               |  |  |  | Silerigin Membe  | 71  |                                   |
|      |   | -               | <u>'</u>       |               |  |  |  |  |   |                                   |
| CR   | RUSH RESISTANCE   | 750 N/cm        |                |               |  | Ø0.245-  | ►  | Flexible PVC   |   |                                   |
|      |   |                 |                |               |  |  |  | Jacket   |   |                                   |
|      | PERATING TEMPERATURE  | -40°C TO +85°   | <u> </u>       |               |  |  |  | Color: Orange  |   |                                   |
|      |   |                 |                |               | 4  |  |  | 0  |   |                                   |
| STC  | ORAGE TEMPERATURE   | -55°C TO +85°   |                |               |  | DIMENSIC   | DNS IN mm, DI  | rawing not to scale  |   |                                   |
|      | STALLATION TEMPERATURE  | -10°C TO +60°   | C (actual terr | np. of cable) |  |  |  |  |   |                                   |
|      |   | 1               | •              | . /           |  |  |  |  |   |                                   |
| INS  |   |                 |                |               |  |  |  |  |   |                                   |
| INS  | AME RETARDANCY  | OFNR            |                |               |  |  |  |  |   |                                   |
| INS  |   | OFNR            |                |               | UNLESS OTHERWISE SPECIFIED,  | 1000-  |  |  | ligh Street W   | est Mill                          |
| INS  |   | OFNR            |                |               | DIMENSIONS ARE IN INCHES [mm]  | APPRO  | VALS DATE  | _ <b>= ( ; ( ) ( )</b> Nor   | ligh Street, We   | A 01845 USA                       |
| INS  |   | OFNR            |                |               | DIMENSIONS ARE IN INCHES [mm]<br>VERALL CABLE LENGTH TOLERANC  | E: DRAWN BY  | VALS DATE 02/25/2020   |  | th Andover, N<br>ne: 1.800.341  | A 01845 US/<br>5266               |
| INS  | AME RETARDANCY  | OFNR            |                | 0             | DIMENSIONS ARE IN INCHES [mm]<br>VERALL CABLE LENGTH TOLERANC<br>≤12 [305] = +1 [25] / -<br>>12 [305] ≤60 [1524] = +2 [51] / -   | E: DRAWN BY<br>DZINN<br>CHECKED BY   | 02/25/2020   | an INFINIT® brand  | th Andover, N   | A 01845 US/<br>5266               |
| INS  |   | OFNR            |                | 0             | DIMENSIONS ARE IN INCHES [mm]<br>VERALL CABLE LENGTH TOLERANC<br><12 [305] = +1 [25] / -<br>>12 [305] ≤60 [1524] = +2 [51] / -<br>>60 [1524] ≤120 [3048] = +4 [102] /  | E: DRAWN BY<br>DZINN<br>CHECKED BY<br>DFRISIELLO   | 02/25/2020   | an INFINIT® brand Pho  | th Andover, M<br>ne: 1.800.341<br>1.978.682                                       | A 01845 US/<br>5266               |
| INS  | AME RETARDANCY<br>NOTES:  |                 |                | 0<br>><br>>1  | DIMENSIONS ARE IN INCHES [mm]<br>VERALL CABLE LENGTH TOLERANC<br>≤12 [305] = +1 [25] / -<br>>12 [305] ≤60 [1524] = +2 [51] / -   | E: DRAWN BY<br>DZINN<br>CHECKED BY<br>DFRISIELLO   | 02/25/2020   | CATEGORY FIBER OP1   | th Andover, M<br>ne: 1.800.341<br>1.978.682                                       | A 01845 USA<br>5266               |
| INS  | AME RETARDANCY  |                 | RDANCE WITH    | 0<br>><br>>1  | DIMENSIONS ARE IN INCHES [mm]<br>VERALL CABLE LENGTH TOLERANN<br>≤12 [305] =+1 [25] /-<br>>12 [305] ≤60 [1524] =+2 [51] /-<br>>60 [1524] ≤120 [3048] =+4 [102] //<br>210 [3048] 5300 [7620] =+6 [152] /-<br>>300 [7620] =+5% /-0<br>. OTHER DIMENSIONAL TOLERANC   | E: DRAWN BY<br>DZINN<br>CHECKED BY<br>DFRISIELLO<br>APPROVED B'<br>PHOSPOD/<br>ES: CONE/                             | 02/25/2020<br>02/25/2020<br>AR 02/25/2020  | CATEGORY<br>PRODUCT DESCRIPTION  | th Andover, M<br>ne: 1.800.341<br>1.978.682                                       | A 01845 US/<br>5266<br>6936       |
| INS  | AME RETARDANCY<br>NOTES:  |                 | RDANCE WITH    |               | DIMENSIONS ARE IN INCHES [mm]<br>VERALL CABLE LENGTH TOLERANK<br>≤12 [305] = 41 [25] / -<br>>12 [305] ≤60 [1524] = +2 [51] / -<br>60 [1524] = 12 [3048] = +4 [102] /<br>>300 [7620] = +5 [52] /<br>>300 [7620] = +5 % / -0<br>. OTHER DIMENSIONAL TOLERANC<br>X = ± .2 [5] FRACTIONE<br>± 1/32                       | E: DRAWN BY<br>DZINN<br>OCHECKED BY<br>DFRISIELLO<br>OFRISIELLO<br>APPROVED B'<br>PHOSPOD/<br>ES: CONFIC<br>UNDI/    | 02/25/2020<br>02/25/2020<br>(AR 02/25/2020<br>GURATION DETAILS OF<br>IENSIONED FEATURES                              | CATEGORY<br>PRODUCT DESCRIPTION<br>1 M Interval OM1  | th Andover, M<br>ne: 1.800.341<br>1.978.682                                       | A 01845 USA<br>5266<br>6936       |
| INS  | AME RETARDANCY<br>NOTES:<br>1. CABLE SHALL BE INDIVIDUALLY PACKAG   |                 | RDANCE WITH    |               | DIMENSIONS ARE IN INCHES [mm]<br>VERALL CABLE LENGTH TOLERANK<br>≤12 [305] = +1 [25] / -<br>>12 [305] ≤60 [1524] = +2 [51] / -<br>>60 [1524] s120 [3048] = +4 [102] /<br>>300 [7620] = +6 [152] /<br>>300 [7620] = +5% / -0<br>. OTHER DIMENSIONAL TOLERANK<br>X = ± .2 [5] FRACTIONK<br>XX = ± .005 [.13] FRACTIONK | E: DRAWN BY<br>DZINN<br>OCHECKED BY<br>DFRISIELLO<br>OFRISIELLO<br>APPROVED B'<br>PHOSPOD/<br>ES: CONFIC<br>UNDI/    | 02/25/2020<br>02/25/2020<br>AR 02/25/2020<br>GURATION DETAILS OF   | CATEGORY<br>PRODUCT DESCRIPTION<br>1 M Interval OM1<br>3.0mm Sim   | th Andover, M<br>ne: 1.800.341<br>1.978.682                                       | A 01845 USA<br>5266<br>6936<br>5) |
| INS  | AME RETARDANCY<br>NOTES:<br>1. CABLE SHALL BE INDIVIDUALLY PACKAG   |                 | RDANCE WITH    |               | DIMENSIONS ARE IN INCHES [mm]<br>VERALL CABLE LENGTH TOLERANK<br>≤12 [305] ≤40 [1524] =+2 [51] / -<br>>60 [1524] s120 [3048] =+4 [102] /<br>>300 [7620] =+6 [1527] /<br>>300 [7620] =+5% / -0<br>. OTHER DIMENSIONAL TOLERANK<br>XX = ± .2 [5]<br>±1/32  | E: DRAWN BY<br>DZINN<br>CHECKED BY<br>DFRISIELLO<br>O DFRISIELLO<br>O APPROVED B'<br>PHOSPOD/<br>ES: CONFIG<br>UNDIN | 02/25/2020<br>02/25/2020<br>AR 02/25/2020<br>SURATION DETAILS OF<br>IENSIONED FEATURES<br>MAY VARY<br>LOR VARIATIONS | An INFINIT® brand<br>CATEGORY<br>FIBER OP1<br>PRODUCT DESCRIPTION<br>1M Interval OM1<br>3.0mm Sim<br>SIZE CAGE CODE ITEM NO. | th Andover, N<br>ne: 1.800.341<br>1.978.682<br>[IC<br>(62.5/12<br>plex            | A 01845 USA<br>5266<br>6936<br>5) |
| INS  | AME RETARDANCY<br>NOTES:<br>1. CABLE SHALL BE INDIVIDUALLY PACKAG   |                 | RDANCE WITH    |               | DIMENSIONS ARE IN INCHES [mm]<br>VERALL CABLE LENGTH TOLERANK<br>≤12 [305] = +1 [25] / -<br>>12 [305] ≤60 [1524] = +2 [51] / -<br>>60 [1524] s120 [3048] = +4 [102] /<br>>300 [7620] = +6 [152] /<br>>300 [7620] = +5% / -0<br>. OTHER DIMENSIONAL TOLERANK<br>X = ± .2 [5] FRACTIONK<br>XX = ± .005 [.13] FRACTIONK | E: DRAWN BY<br>DZINN<br>CHECKED BY<br>DFRISIELLO<br>O DFRISIELLO<br>O APPROVED B'<br>PHOSPOD/<br>ES: CONFIG<br>UNDIN | 02/25/2020<br>02/25/2020<br>(ar 02/25/2020<br>GURATION DETAILS OF<br>IENSIONED FEATURES<br>MAY VARY                  | CATEGORY<br>PRODUCT DESCRIPTION<br>1M Interval OM1<br>3.0mm Sim<br>SIZE CAGE CODE ITEM NO.                                   | th Andover, M<br>ne: 1.800.341<br>1.978.682<br>[IC<br>(62.5/12<br>plex<br>OM1ROS- | A 01845 USA<br>5266<br>6936<br>5) |