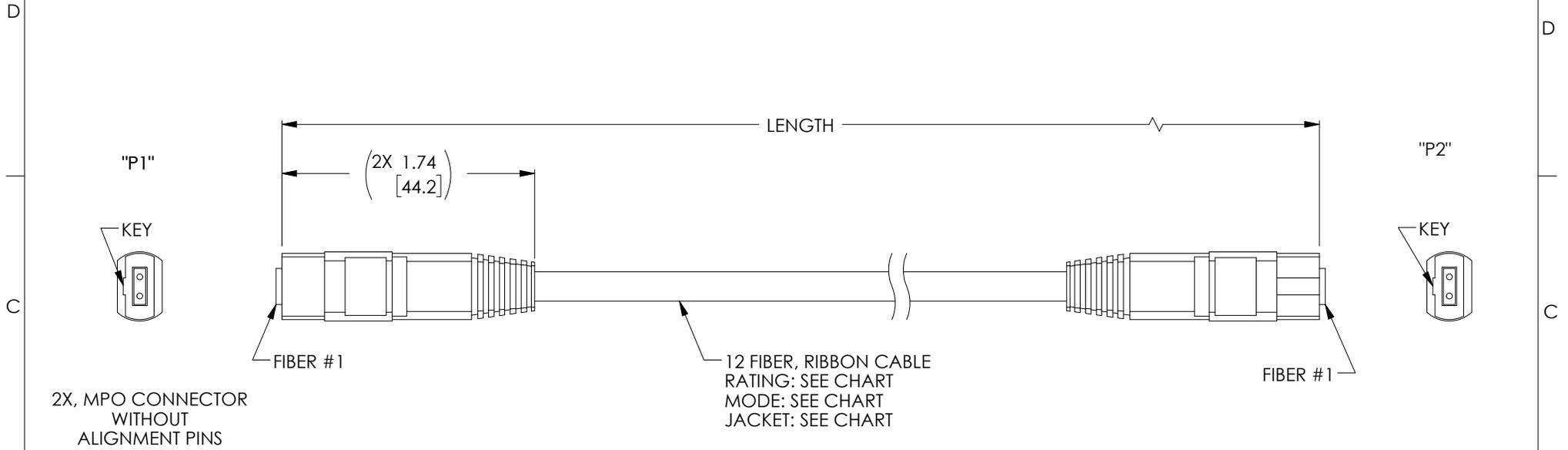


8 7 6 5 4 3 2 1

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| REVISIONS |   |          |             |
|-----------|---|----------|-------------|
| REV       | DESCRIPTION   | DATE     | APPROVED    |
| E         | ECN 7107: ADDED JACKET TYPE TO CHART. CHANGED OM4 TO LSZH. UPD ROHS | 10/17/13 | D.FRISIELLO |
| F         | ECN 9116: REVISED CHART SHEET 2                                     | 3/23/18  | D.FRISIELLO |
|           |   |          |             |



2X, MPO CONNECTOR WITHOUT ALIGNMENT PINS

12 FIBER, RIBBON CABLE  
RATING: SEE CHART  
MODE: SEE CHART  
JACKET: SEE CHART

| WIRING MAP |      |
|------------|------|
| "P1"       | "P2" |
| 1          | 1    |
| 2          | 2    |
| 3          | 3    |
| 4          | 4    |
| 5          | 5    |
| 6          | 6    |
| 7          | 7    |
| 8          | 8    |
| 9          | 9    |
| 10         | 10   |
| 11         | 11   |
| 12         | 12   |

- NOTES:
- SEE SHEET 2 FOR PART NUMBERS, FIBER MODES, JACKET TYPES, COLORS, AND LENGTHS.
  - MPO CONNECTOR MULTIMODE ASSEMBLY POLISH TYPE: UPC  
MPO CONNECTOR SINGLE MODE ASSEMBLY POLISH TYPE: APC
  - ALL CONNECTORS ACCOMPANIED WITH A DUST CAP INSTALLED (NOT SHOWN).
  - CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

**REGULATORY COMPLIANCE:**  
CE2011/65/EU (RoHS DIRECTIVE)

|   |  |                            |                            |  |
|---|--|----------------------------|----------------------------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]<br>OVERALL CABLE LENGTH TOLERANCE:<br>≤12 [305] = +1 [25] / -0<br>>12 [305] ≤60 [1524] = +2 [51] / -0<br>>60 [1524] ≤120 [3048] = +4 [102] / -0<br>>120 [3048] ≤300 [7620] = +6 [152] / -0<br>>300 [7620] = +5% / -0% | APPROVALS  | DATE                       |                            | 50 HIGH STREET<br>NORTH ANDOVER, MA<br>01845 |
|   | DRAWN BY<br>C.MCCORMICK                                  | 04/08/2002                 |                            | CATEGORY                                     |
| ALL OTHER DIMENSIONAL TOLERANCES:<br>.X = ±.2 [5.08]<br>.XX = ±.02 [1.51]<br>.XXX = ±.005 [1.13]  | CHECKED BY<br>D.PARHAM                                   | 04/08/2002                 | PRODUCT DESCRIPTION        |  |
|   | APPROVED BY<br>R.CARRICK                                 | 04/08/2002                 | 12 FIBER RIBBON CBL,MTP(F) |  |
| PROJECTION<br>  | CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY | COLOR VARIATIONS MAY OCCUR | SIZE<br><b>A</b>           | FSCM NO.<br><b>43321</b>                     |
|   |  |                            | DWG. NO.<br>MTPF12         | REV.<br><b>F</b>                             |
|   |  |                            | SCALE: NONE                | CAD FILE: MTPF12.SLDDRW                      |
|   |  |                            |                            | SHEET 1 OF 2                                 |

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| PART NUMBER   | METERS [FEET]  | FIBER MODE                              | JACKET TYPE            | COLOR  |
|---------------|----------------|---|------------------------|--------|
| MTPF12-1      | 1.0 [3.28]     | 62.5/125 MULTIMODE OM1                  | ONFR (RISER) RATED     | ORANGE |
| MTPF12-3      | 3.0 [9.84]     |   |                        |        |
| MTPF12-5      | 5.0 [16.41]    |   |                        |        |
| MTPF12-10     | 10.0 [32.81]   |   |                        |        |
| MTPF12-25     | 25.0 [82.03]   |   |                        |        |
| MTPF12-50     | 50.0 [164.05]  |   |                        |        |
| MTPF12-100    | 100.0 [328.10] |   |                        |        |
| MPFF12OM2-1   | 1.0 [3.28]     | 50/125 MULTIMODE OM2                    | ONFR (RISER) RATED     | ORANGE |
| MPFF12OM2-3   | 3.0 [9.84]     |   |                        |        |
| MPFF12OM2-5   | 5.0 [16.41]    |   |                        |        |
| MPFF12OM2-10  | 10.0 [32.81]   |   |                        |        |
| MPFF12OM2-25  | 25.0 [82.03]   |   |                        |        |
| MPFF12OM2-50  | 50.0 [164.05]  |   |                        |        |
| MPFF12OM2-100 | 100.0 [328.10] |   |                        |        |
| MPFF12OM3-1   | 1.0 [3.28]     | 50/125 MULTIMODE OM3<br>LASER OPTIMIZED | ONFR (RISER) RATED     | AQUA   |
| MPFF12OM3-3   | 3.0 [9.84]     |   |                        |        |
| MPFF12OM3-5   | 5.0 [16.41]    |   |                        |        |
| MPFF12OM3-10  | 10.0 [32.81]   |   |                        |        |
| MPFF12OM3-25  | 25.0 [82.03]   |   |                        |        |
| MPFF12OM3-50  | 50.0 [164.05]  |   |                        |        |
| MPFF12OM3-100 | 100.0 [328.10] |   |                        |        |
| MPFF12OM4-1   | 1.0 [3.28]     | 50/125 MULTIMODE OM4<br>LASER OPTIMIZED | LOW SMOKE ZERO HALOGEN | AQUA   |
| MPFF12OM4-3   | 3.0 [9.84]     |   |                        |        |
| MPFF12OM4-5   | 5.0 [16.41]    |   |                        |        |
| MPFF12OM4-10  | 10.0 [32.81]   |   |                        |        |
| MPFF12OM4-25  | 25.0 [82.03]   |   |                        |        |
| MPFF12OM4-50  | 50.0 [164.05]  |   |                        |        |
| MPFF12OM4-100 | 100.0 [328.10] |   |                        |        |
| MPFF12S-1     | 1.0 [3.28]     | 9/125 SINGLE MODE OS1                   | ONFR (RISER) RATED     | YELLOW |
| MPFF12S-3     | 3.0 [9.84]     |   |                        |        |
| MPFF12S-5     | 5.0 [164.05]   |   |                        |        |
| MPFF12S-10    | 10.0 [32.81]   |   |                        |        |
| MPFF12S-25    | 25.0 [82.03]   |   |                        |        |
| MPFF12S-50    | 50.0 [164.05]  |   |                        |        |
| MPFF12S-100   | 100.0 [328.10] |   |                        |        |

|                            |              |  |              |
|----------------------------|--------------|--|--------------|
|                            |              | 50 HIGH STREET<br>NORTH ANDOVER, MA<br>01845 |              |
| CATEGORY                   |              |  |              |
| FIBER OPTICS               |              |  |              |
| PRODUCT DESCRIPTION        |              |  |              |
| 12 FIBER RIBBON CBL,MTP(F) |              |  |              |
| SIZE                       | FSCM NO.     | DWG. NO.                                     | REV.         |
| <b>A</b>                   | <b>43321</b> | <b>MTPF12</b>                                | <b>F</b>     |
| SCALE: NONE                |              | CAD FILE: MTPF12.SLDDRW                      |              |
|                            |              |  | SHEET 2 OF 2 |