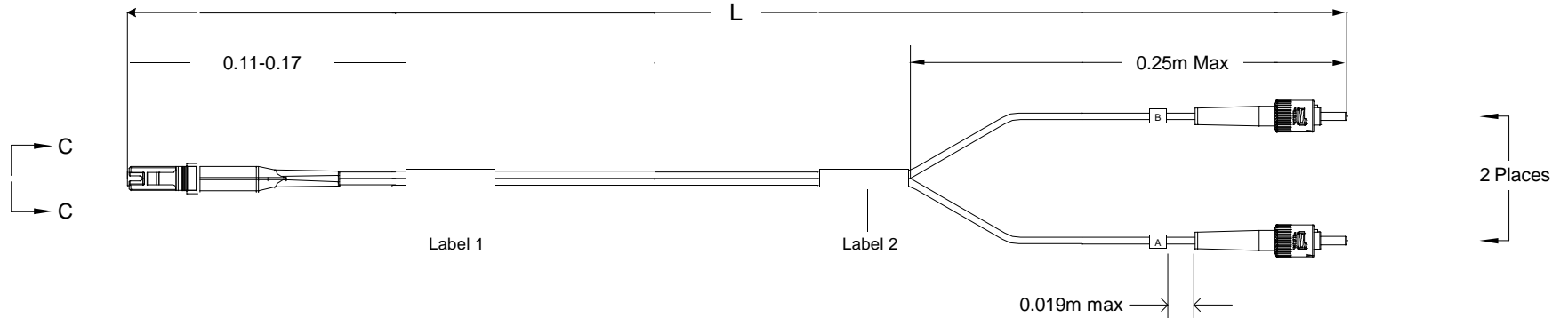


Restricted to: General Release

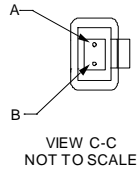
USED ON

THIS DRAWING IS A CONTROLLED DOCUMENT



**Left Side**

Connector(s): MT-RJ SECURE (No Pins)  
 Mode: MM  
 Housing Color: Blue  
 Geom. Spec: 115-1215



**Fiber Path**

Fiber A - B  
 Fiber B - A

**Notes:**

- 1 Product and Processing must meet requirements of Tyco Electronics Standard 230-702
- 2 Label 2 will not be present on any cable assembly less than 5 meters long.
- 3 Includes dust caps (not shown on print).

**Right Side**

Connector(s): ST  
 Mode: MM  
 Housing Color: N/A  
 Geom. Spec: N/A

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LOC  
 CE  
 DIST  
 16

|   |             |                 |           |     |      |  |  |
|---|-------------|-----------------|-----------|-----|------|--|--|
|   |             |                 |           |     |      |  |  |
| B | Rev Per EC# | ECR-06-019909   | 8/17/2006 | -   | MK   |  |  |
| P | LTR         | REVISION RECORD | DATE      | DIN | APVD |  |  |

|                       |  |
|-----------------------|--|
| DIMENSIONS:<br>meters | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
|                       | 0 PLC ± .                              |
|                       | 1 PLC ± .                              |
|                       | 2 PLC ± .                              |
|                       | 3 PLC ± .                              |
|                       | 4 PLC ± .                              |
|                       | 5 PLC ± .                              |

|       |   |   |    |            |            |
|-------|---|---|----|------------|------------|
| DIN   | Cable Assy Configurator   | MATERIAL  | -  | HEAT TREAT | -          |
| CHK   | Michael Kepko   | Tyco Electronics, Inc.<br>Harrisburg, PA 17105-3608 |    |            |            |
| APVD  | Michael Kepko   |   |    |            |            |
| NAME  | FO C/A - 2 fiber, 62.5/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to ST |   |    |            |            |
| SCALE | NTS   | SIZE  | A2 | DRAWING NO | C- 6278901 |
| SHEET | 1 of 3  | REV   | B  |            |            |

Customer Print

Restricted to: General Release

USED ON

THIS DRAWING IS A CONTROLLED DOCUMENT.

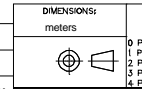
| Part #      | L (meters)      | L (feet)        | MT-RJ SECURE (No Pins), Blue |         | ST      |         |
|-------------|-----------------|-----------------|------------------------------|---------|---------|---------|
|             |                 |                 | IL (dB)                      | RL (dB) | IL (dB) | RL (dB) |
| 0-6278901-1 | 0.950 - 1.050   | 3.11 - 3.44     | 0.5                          | 20      | 0.5     | -       |
| 0-6278901-2 | 1.950 - 2.050   | 6.39 - 6.72     | 0.5                          | 20      | 0.5     | -       |
| 0-6278901-3 | 2.950 - 3.050   | 9.67 - 10.00    | 0.5                          | 20      | 0.5     | -       |
| 0-6278901-4 | 3.920 - 4.080   | 12.86 - 13.38   | 0.51                         | 20      | 0.51    | -       |
| 0-6278901-5 | 4.920 - 5.080   | 16.14 - 16.66   | 0.51                         | 20      | 0.51    | -       |
| 0-6278901-6 | 5.920 - 6.080   | 19.42 - 19.94   | 0.51                         | 20      | 0.51    | -       |
| 0-6278901-7 | 6.920 - 7.080   | 22.70 - 23.22   | 0.51                         | 20      | 0.51    | -       |
| 0-6278901-8 | 7.920 - 8.080   | 25.98 - 26.50   | 0.51                         | 20      | 0.51    | -       |
| 0-6278901-9 | 8.850 - 9.150   | 29.03 - 30.01   | 0.51                         | 20      | 0.51    | -       |
| 1-6278901-0 | 9.850 - 10.150  | 32.31 - 33.30   | 0.52                         | 20      | 0.52    | -       |
| 1-6278901-1 | 10.850 - 11.150 | 35.59 - 36.58   | 0.52                         | 20      | 0.52    | -       |
| 1-6278901-2 | 11.850 - 12.150 | 38.87 - 39.86   | 0.52                         | 20      | 0.52    | -       |
| 1-6278901-3 | 12.850 - 13.150 | 42.15 - 43.14   | 0.52                         | 20      | 0.52    | -       |
| 1-6278901-4 | 13.850 - 14.150 | 45.43 - 46.42   | 0.52                         | 20      | 0.52    | -       |
| 1-6278901-5 | 14.850 - 15.150 | 48.72 - 49.70   | 0.52                         | 20      | 0.52    | -       |
| 1-6278901-6 | 15.840 - 16.160 | 51.96 - 53.01   | 0.52                         | 20      | 0.52    | -       |
| 1-6278901-7 | 16.830 - 17.170 | 55.21 - 56.33   | 0.53                         | 20      | 0.53    | -       |
| 1-6278901-8 | 17.820 - 18.180 | 58.46 - 59.64   | 0.53                         | 20      | 0.53    | -       |
| 1-6278901-9 | 18.810 - 19.190 | 61.71 - 62.95   | 0.53                         | 20      | 0.53    | -       |
| 2-6278901-0 | 19.800 - 20.200 | 64.96 - 66.27   | 0.53                         | 20      | 0.53    | -       |
| 2-6278901-1 | 20.790 - 21.210 | 68.20 - 69.58   | 0.53                         | 20      | 0.53    | -       |
| 2-6278901-2 | 21.780 - 22.220 | 71.45 - 72.90   | 0.53                         | 20      | 0.53    | -       |
| 2-6278901-3 | 22.770 - 23.230 | 74.70 - 76.21   | 0.53                         | 20      | 0.53    | -       |
| 2-6278901-4 | 23.760 - 24.240 | 77.95 - 79.52   | 0.54                         | 20      | 0.54    | -       |
| 2-6278901-5 | 24.750 - 25.250 | 81.20 - 82.84   | 0.54                         | 20      | 0.54    | -       |
| 2-6278901-6 | 25.740 - 26.260 | 84.44 - 86.15   | 0.54                         | 20      | 0.54    | -       |
| 2-6278901-7 | 26.730 - 27.270 | 87.69 - 89.46   | 0.54                         | 20      | 0.54    | -       |
| 2-6278901-8 | 27.720 - 28.280 | 90.94 - 92.78   | 0.54                         | 20      | 0.54    | -       |
| 2-6278901-9 | 28.710 - 29.290 | 94.19 - 96.09   | 0.54                         | 20      | 0.54    | -       |
| 3-6278901-0 | 29.700 - 30.300 | 97.44 - 99.40   | 0.55                         | 20      | 0.55    | -       |
| 3-6278901-1 | 30.690 - 31.310 | 100.68 - 102.72 | 0.55                         | 20      | 0.55    | -       |
| 3-6278901-2 | 31.680 - 32.320 | 103.93 - 106.03 | 0.55                         | 20      | 0.55    | -       |
| 3-6278901-3 | 32.670 - 33.330 | 107.18 - 109.35 | 0.55                         | 20      | 0.55    | -       |
| 3-6278901-4 | 33.660 - 34.340 | 110.43 - 112.66 | 0.55                         | 20      | 0.55    | -       |
| 3-6278901-5 | 34.650 - 35.350 | 113.68 - 115.97 | 0.55                         | 20      | 0.55    | -       |
| 3-6278901-6 | 35.640 - 36.360 | 116.92 - 119.29 | 0.55                         | 20      | 0.55    | -       |
| 3-6278901-7 | 36.630 - 37.370 | 120.17 - 122.60 | 0.56                         | 20      | 0.56    | -       |
| 3-6278901-8 | 37.620 - 38.380 | 123.42 - 125.91 | 0.56                         | 20      | 0.56    | -       |
| 3-6278901-9 | 38.610 - 39.390 | 126.67 - 129.23 | 0.56                         | 20      | 0.56    | -       |
| 4-6278901-0 | 39.600 - 40.400 | 129.92 - 132.54 | 0.56                         | 20      | 0.56    | -       |
| 5-6278901-0 | 49.500 - 50.500 | 162.40 - 165.68 | 0.58                         | 20      | 0.58    | -       |
| 9-6278901-1 | 0.270 - 0.330   | 0.88 - 1.08     | 0.5                          | 20      | 0.5     | -       |

| Qty    | U of M | Description  | Item No. |
|--------|--------|--|----------|
| 1      | piece  | DUST COVER, MT-RJ  | 1        |
| 1      | piece  | SPRING, MT-RJ, 3.8 DESIGN                                | 2        |
| 1      | piece  | PIN KEEPER, 3.8MM  | 3        |
| 1      | piece  | MT-RJ, SPRING PUSH, UNIVERSAL                            | 4        |
| 1      | piece  | CRIMP EYELET, MT-RJ                                      | 5        |
| 1      | piece  | MT-RJ Keyed Connector Housing - Blue                     | 6        |
| 0.0139 | sheet  | Leg Label - "A"  | 7        |
| 0.0139 | sheet  | Leg Label - "B"  | 8        |
| 1      | piece  | MT-RJ FERRULE, THERMOPLAST,MM                            | 9        |
| 2      | piece  | Crimp Eyelet   | 10       |
| 2      | piece  | ST Short Boot - 1.6 to 2.0mm, Beige                      | 11       |
| 2      | piece  | ST Connector, Ceramic, Metal Nut                         | 12       |
| 2      | piece  | 2.5mm ferrule cover                                      | 13       |
| 2      | piece  | PVC Build-up tubing                                      | 14       |
| AR     | meter  | 2 fiber, 62.5/125, 1.8 mm, Twinzip, Orange, OFNR (Riser) | 15       |
| 1      | piece  | MT-RJ TwinZip Bend Limiting Boot, Beige                  | 16       |
| 2      | piece  | Trace Label  | 17       |

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LOC  
CE  
DIST  
16

|   |             |                 |           |    |      |  |  |
|---|-------------|-----------------|-----------|----|------|--|--|
|   |             |                 |           |    |      |  |  |
| B | Rev Per EC# | ECR-06-019909   | 8/17/2006 | -  | MK   |  |  |
| P | LTR         | REVISION RECORD | DATE      | DN | APVD |  |  |



Customer Print

|       |   |          |    |            |            |
|-------|---|----------|----|------------|------------|
| DIN   | Cable Assy Configurator   | MATERIAL |    | HEAT TREAT |            |
| OK    | Michael Kepko   |          |    |            |            |
| APVD  | Michael Kepko   |          |    |            |            |
| NAME  | FO C/A - 2 fiber, 62.5/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to ST |          |    |            |            |
| SCALE | NTS   | SIZE     | A2 | DRAWING NO | C- 6278901 |
| SHEET | 2 of 3  | REV      | B  |            |            |

D

C

B

A

THIS DRAWING IS A CONTROLLED DOCUMENT. BFC/ND

**Label 1**

Per specification 107-1645-1



Trace # - Bar Code  
 Trace # - Human Readable  
 Part Number  
 Country of Origin

This label is used on all lengths on this drawing.

**Label 2**

Per specification 107-1645-1



Trace # - Bar Code  
 Trace # - Human Readable  
 Part Number  
 Country of Origin

This label is used on all lengths on this drawing.

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LOC  
 CE  
 DIST  
 16

|   |         |                 |           |     |      |  |
|---|---------|-----------------|-----------|-----|------|--|
|   |         |                 |           |     |      |  |
| B | Rev Per | ECR-06-019909   | 8/17/2006 | -   | MK   |  |
| P | LTR     | REVISION RECORD | DATE      | DIN | APVD |  |

|             |  |
|-------------|--|
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
| meters      | 0 PLC ± .                              |
|             | 1 PLC ± .                              |
|             | 2 PLC ± .                              |
|             | 3 PLC ± .                              |
|             | 4 PLC ± .                              |



Customer Print

|       |   |  |            |
|-------|---|--|------------|
| DIN   | Cable Assy Configurator   | MATERIAL   | HEAT TREAT |
| CHK   | Michael Kepko   |  |            |
| APVD  | Michael Kepko   | <b>AMP</b> Tyco Electronics, Inc.<br>Harrisburg, PA 17105-3608 |            |
| NAME  | FO C/A - 2 fiber, 62.5/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to ST |  |            |
| SCALE | SIZE  | DRAWING NO   | SHEET      |
| NTS   | A2  | C- 6278901   | 3 of 3     |
|       |   |  | REV B      |

D  
C  
B  
A