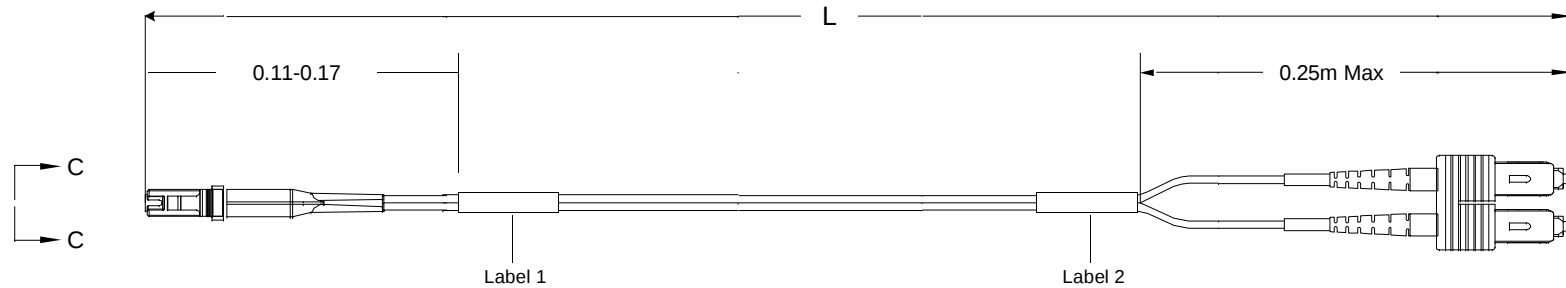


227877  
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Restricted to: General Release

USED ON



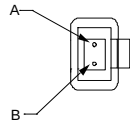
#### Left Side

Connector(s): MT-RJ SECURE (No Pins)

Mode: MM

Housing Color: Red

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).
- 4 IL tested at 1300nm.

#### Right Side

Connector(s): SC-Duplex

Mode: MM

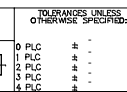
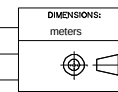
Housing Color: Beige

Geom. Spec: N/A

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LOC  
CE  
DIST  
16

|   |     |             |                |           |     |      |  |  |  |
|---|-----|-------------|----------------|-----------|-----|------|--|--|--|
|   |     |             |                |           |     |      |  |  |  |
|   | B1  | Rev Per EC# | MINOR REVISION | 9/25/2006 | -   | MK   |  |  |  |
| P | LTR | REVISION    | RECORD         | DATE      | DIN | APVD |  |  |  |



|            |                                                                                    |          |            |
|------------|------------------------------------------------------------------------------------|----------|------------|
| DIN        | Cable Assy Configurator                                                            | MATERIAL | HEAT TREAT |
| CHK        | Michael Kepko                                                                      |          |            |
| APVD       | Michael Kepko                                                                      |          |            |
| NAME       | FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to SC-Duplex |          |            |
| SCALE      | NTS                                                                                | SIZE     | A2         |
| DRAWING NO | C- 6278877                                                                         | SHEET    | 1 of 3     |
| REV        | B1                                                                                 |          |            |

**AMP** Tyco Electronics, Inc.  
Harrisburg, PA 17105-3608

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PAGE NO

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USED ON

| Part #      | L (meters)      | L (feet)        | MT-RJ SECURE (No Pins), Red |         | SC-Duplex, Beige |         |
|-------------|-----------------|-----------------|-----------------------------|---------|------------------|---------|
|             |                 |                 | IL (dB)                     | RL (dB) | IL (dB)          | RL (dB) |
| 0-6278877-1 | 0.950 - 1.050   | 3.11 - 3.44     | 0.5                         | 20      | 0.5              | -       |
| 0-6278877-2 | 1.950 - 2.050   | 6.39 - 6.72     | 0.5                         | 20      | 0.5              | -       |
| 0-6278877-3 | 2.950 - 3.050   | 9.67 - 10.00    | 0.5                         | 20      | 0.5              | -       |
| 0-6278877-4 | 3.920 - 4.080   | 12.86 - 13.38   | 0.51                        | 20      | 0.51             | -       |
| 0-6278877-5 | 4.920 - 5.080   | 16.14 - 16.66   | 0.51                        | 20      | 0.51             | -       |
| 0-6278877-6 | 5.920 - 6.080   | 19.42 - 19.94   | 0.51                        | 20      | 0.51             | -       |
| 0-6278877-7 | 6.920 - 7.080   | 22.70 - 23.22   | 0.51                        | 20      | 0.51             | -       |
| 0-6278877-8 | 7.920 - 8.080   | 25.98 - 26.50   | 0.51                        | 20      | 0.51             | -       |
| 0-6278877-9 | 8.850 - 9.150   | 29.03 - 30.01   | 0.51                        | 20      | 0.51             | -       |
| 1-6278877-0 | 9.850 - 10.150  | 32.31 - 33.30   | 0.52                        | 20      | 0.52             | -       |
| 1-6278877-1 | 10.850 - 11.150 | 35.59 - 36.58   | 0.52                        | 20      | 0.52             | -       |
| 1-6278877-2 | 11.850 - 12.150 | 38.87 - 39.86   | 0.52                        | 20      | 0.52             | -       |
| 1-6278877-3 | 12.850 - 13.150 | 42.15 - 43.14   | 0.52                        | 20      | 0.52             | -       |
| 1-6278877-4 | 13.850 - 14.150 | 45.43 - 46.42   | 0.52                        | 20      | 0.52             | -       |
| 1-6278877-5 | 14.850 - 15.150 | 48.72 - 49.70   | 0.52                        | 20      | 0.52             | -       |
| 1-6278877-6 | 15.840 - 16.160 | 51.96 - 53.01   | 0.52                        | 20      | 0.52             | -       |
| 1-6278877-7 | 16.830 - 17.170 | 55.21 - 56.33   | 0.53                        | 20      | 0.53             | -       |
| 1-6278877-8 | 17.820 - 18.180 | 58.46 - 59.64   | 0.53                        | 20      | 0.53             | -       |
| 1-6278877-9 | 18.810 - 19.190 | 61.71 - 62.95   | 0.53                        | 20      | 0.53             | -       |
| 2-6278877-0 | 19.800 - 20.200 | 64.96 - 66.27   | 0.53                        | 20      | 0.53             | -       |
| 2-6278877-1 | 20.790 - 21.210 | 68.20 - 69.58   | 0.53                        | 20      | 0.53             | -       |
| 2-6278877-2 | 21.780 - 22.220 | 71.45 - 72.90   | 0.53                        | 20      | 0.53             | -       |
| 2-6278877-3 | 22.770 - 23.230 | 74.70 - 76.21   | 0.53                        | 20      | 0.53             | -       |
| 2-6278877-4 | 23.760 - 24.240 | 77.95 - 79.52   | 0.54                        | 20      | 0.54             | -       |
| 2-6278877-5 | 24.750 - 25.250 | 81.20 - 82.84   | 0.54                        | 20      | 0.54             | -       |
| 2-6278877-6 | 25.740 - 26.260 | 84.44 - 86.15   | 0.54                        | 20      | 0.54             | -       |
| 2-6278877-7 | 26.730 - 27.270 | 87.69 - 89.46   | 0.54                        | 20      | 0.54             | -       |
| 2-6278877-8 | 27.720 - 28.280 | 90.94 - 92.78   | 0.54                        | 20      | 0.54             | -       |
| 2-6278877-9 | 28.710 - 29.290 | 94.19 - 96.09   | 0.54                        | 20      | 0.54             | -       |
| 3-6278877-0 | 29.700 - 30.300 | 97.44 - 99.40   | 0.55                        | 20      | 0.55             | -       |
| 3-6278877-1 | 30.690 - 31.310 | 100.68 - 102.72 | 0.55                        | 20      | 0.55             | -       |
| 3-6278877-2 | 31.680 - 32.320 | 103.93 - 106.03 | 0.55                        | 20      | 0.55             | -       |
| 3-6278877-3 | 32.670 - 33.330 | 107.18 - 109.35 | 0.55                        | 20      | 0.55             | -       |
| 3-6278877-4 | 33.660 - 34.340 | 110.43 - 112.66 | 0.55                        | 20      | 0.55             | -       |
| 3-6278877-5 | 34.650 - 35.350 | 113.68 - 115.97 | 0.55                        | 20      | 0.55             | -       |
| 3-6278877-6 | 35.640 - 36.360 | 116.92 - 119.29 | 0.55                        | 20      | 0.55             | -       |
| 3-6278877-7 | 36.630 - 37.370 | 120.17 - 122.60 | 0.56                        | 20      | 0.56             | -       |
| 3-6278877-8 | 37.620 - 38.380 | 123.42 - 125.91 | 0.56                        | 20      | 0.56             | -       |
| 3-6278877-9 | 38.610 - 39.390 | 126.67 - 129.23 | 0.56                        | 20      | 0.56             | -       |
| 4-6278877-0 | 39.600 - 40.400 | 129.92 - 132.54 | 0.56                        | 20      | 0.56             | -       |
| 5-6278877-0 | 49.500 - 50.500 | 162.40 - 165.68 | 0.58                        | 20      | 0.58             | -       |

| 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 - Red                    | 6        |
| 2   | piece  | LC, SC, FC Straight Boot, Beige                        | 7        |
| 1   | piece  | MT-RJ FERRULE, THERMOPLAST,MM                          | 8        |
| 2   | piece  | SC Simplex Housing, Beige                              | 9        |
| 2   | piece  | 2.5mm ferrule cover                                    | 10       |
| AR  | meter  | 2 fiber, 50/125, 1.8 mm, Twinzip, Orange, OFNR (Riser) | 11       |
| 1   | piece  | MT-RJ TwinZip Bend Limiting Boot, Beige                | 12       |
| 2   | piece  | SC Duplex Clip                                         | 13       |
| 2   | piece  | Eyelet/Shrink tube assembly - White                    | 14       |
| 2   | piece  | CONN SUBASSY, MM, SC 1.6MM                             | 15       |
| 2   | piece  | Trace Label                                            | 16       |

LOC  
CE  
DIST  
16

CAC Customer Layout Rev: D

|   |     |                 |                |           |     |      |  |
|---|-----|-----------------|----------------|-----------|-----|------|--|
|   |     |                 |                |           |     |      |  |
|   | B1  | Rev Per EC#     | MINOR REVISION | 9/25/2006 | -   | MK   |  |
| P | LTR | REVISION RECORD |                | DATE      | DIN | APVD |  |

DIMENSIONS:  
meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 P.L.C. ±  
1 P.L.C. ±  
2 P.L.C. ±  
3 P.L.C. ±  
4 P.L.C. ±

Customer Print

|       |                                                                                    |                                                     |    |            |            |
|-------|------------------------------------------------------------------------------------|-----------------------------------------------------|----|------------|------------|
| 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, 50/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to SC-Duplex |                                                     |    |            |            |
| SCALE | NTS                                                                                | SIZE                                                | A2 | DRAWING NO | C- 6278877 |
| SHEET | 2 of 3                                                                             | REV                                                 | B1 |            |            |

8 7 6 5 4 3 2 1

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

|   |     |                 |                |           |     |      |  |
|---|-----|-----------------|----------------|-----------|-----|------|--|
|   |     |                 |                |           |     |      |  |
|   | B1  | Rev Per EC#     | MINOR REVISION | 9/25/2006 | -   | MK   |  |
| P | LTR | REVISION RECORD |                | DATE      | DIN | APVD |  |

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

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, 50/125, OFNR (Riser) jacket, MT-RJ SECURE<br>(No Pins) to SC-Duplex |    |                                                                |            |     |
| SCALE | NTS | SIZE                                                                                  | A2 | DRAWING NO                                                     | SHEET      | REV |
|       |     |                                                                                       |    | C- 6278877                                                     | 3 of 3     | B1  |