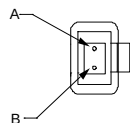


TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA  
FROM TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA  
TYCO ELECTRONICS PERSONNEL, WITHOUT WRITTEN AUTHORIZATION  
IT MAY NOT BE DISCLOSED TO ANYONE, OTHER THAN  
AFFILIATES.



Mode: MM

Geom. Spec: 115-1215



VIEW C-C  
NOT TO SCALE

## Fiber Path

Fiber A -  - B

Fiber B -  - A

## Right Side

Connector(s): SC-Duplex

Mode: MM

Housing Color: Beige

Geom. Spec: N/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.

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

**DIMENSIONS:**  
meters

| TOLERANCES UNLESS OTHERWISE SPECIFIED |       |    |
|---------------------------------------|-------|----|
| 0 PLC                                 | $\pm$ | -- |
| 1 PLC                                 | $\pm$ | -- |
| 2 PLC                                 | $\pm$ | -- |
| 3 PLC                                 | $\pm$ | -- |
| 4 PLC                                 | $\pm$ | -- |

Customer Print

|                                      |  |                                                                                                                                           |  |                                 |  |
|--------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------|--|
| <b>PN</b><br>Cable Assy Configurator |  | <b>MATERIAL</b><br>-                                                                                                                      |  | <b>HEAT TREAT</b><br>-          |  |
| <b>QTY</b><br>1                      |  |  Tyco Electronics, Inc.<br>Harrisburg, PA 17105-3608 |  |                                 |  |
| <b>NAME</b><br>Michael Kepko         |  |                                                                                                                                           |  |                                 |  |
| <b>APVD</b><br>Michael Kepko         |  | <b>NAME</b><br>FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to SC-Duplex                                         |  |                                 |  |
| <b>SCALE</b><br>NTS                  |  | <b>SIZE</b><br>A2                                                                                                                         |  | <b>DRAWING NO</b><br>C- 6278878 |  |
|                                      |  |                                                                                                                                           |  | <b>SHEET</b><br>1 of 3          |  |
|                                      |  |                                                                                                                                           |  | <b>REV</b><br>B1                |  |

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PAGE NO

Restricted to: General Release

USED ON

| Part #      | L (meters)      | L (feet)        | MT-RJ SECURE (No Pins), Yellow |         | SC-Duplex, Beige |         |
|-------------|-----------------|-----------------|--------------------------------|---------|------------------|---------|
|             |                 |                 | IL (dB)                        | RL (dB) | IL (dB)          | RL (dB) |
| 0-6278878-1 | 0.950 - 1.050   | 3.11 - 3.44     | 0.5                            | 20      | 0.5              | -       |
| 0-6278878-2 | 1.950 - 2.050   | 6.39 - 6.72     | 0.5                            | 20      | 0.5              | -       |
| 0-6278878-3 | 2.950 - 3.050   | 9.67 - 10.00    | 0.5                            | 20      | 0.5              | -       |
| 0-6278878-4 | 3.920 - 4.080   | 12.86 - 13.38   | 0.51                           | 20      | 0.51             | -       |
| 0-6278878-5 | 4.920 - 5.080   | 16.14 - 16.66   | 0.51                           | 20      | 0.51             | -       |
| 0-6278878-6 | 5.920 - 6.080   | 19.42 - 19.94   | 0.51                           | 20      | 0.51             | -       |
| 0-6278878-7 | 6.920 - 7.080   | 22.70 - 23.22   | 0.51                           | 20      | 0.51             | -       |
| 0-6278878-8 | 7.920 - 8.080   | 25.98 - 26.50   | 0.51                           | 20      | 0.51             | -       |
| 0-6278878-9 | 8.850 - 9.150   | 29.03 - 30.01   | 0.51                           | 20      | 0.51             | -       |
| 1-6278878-0 | 9.850 - 10.150  | 32.31 - 33.30   | 0.52                           | 20      | 0.52             | -       |
| 1-6278878-1 | 10.850 - 11.150 | 35.59 - 36.58   | 0.52                           | 20      | 0.52             | -       |
| 1-6278878-2 | 11.850 - 12.150 | 38.87 - 39.86   | 0.52                           | 20      | 0.52             | -       |
| 1-6278878-3 | 12.850 - 13.150 | 42.15 - 43.14   | 0.52                           | 20      | 0.52             | -       |
| 1-6278878-4 | 13.850 - 14.150 | 45.43 - 46.42   | 0.52                           | 20      | 0.52             | -       |
| 1-6278878-5 | 14.850 - 15.150 | 48.72 - 49.70   | 0.52                           | 20      | 0.52             | -       |
| 1-6278878-6 | 15.840 - 16.160 | 51.96 - 53.01   | 0.52                           | 20      | 0.52             | -       |
| 1-6278878-7 | 16.830 - 17.170 | 55.21 - 56.33   | 0.53                           | 20      | 0.53             | -       |
| 1-6278878-8 | 17.820 - 18.180 | 58.46 - 59.64   | 0.53                           | 20      | 0.53             | -       |
| 1-6278878-9 | 18.810 - 19.190 | 61.71 - 62.95   | 0.53                           | 20      | 0.53             | -       |
| 2-6278878-0 | 19.800 - 20.200 | 64.96 - 66.27   | 0.53                           | 20      | 0.53             | -       |
| 2-6278878-1 | 20.790 - 21.210 | 68.20 - 69.58   | 0.53                           | 20      | 0.53             | -       |
| 2-6278878-2 | 21.780 - 22.220 | 71.45 - 72.90   | 0.53                           | 20      | 0.53             | -       |
| 2-6278878-3 | 22.770 - 23.230 | 74.70 - 76.21   | 0.53                           | 20      | 0.53             | -       |
| 2-6278878-4 | 23.760 - 24.240 | 77.95 - 79.52   | 0.54                           | 20      | 0.54             | -       |
| 2-6278878-5 | 24.750 - 25.250 | 81.20 - 82.84   | 0.54                           | 20      | 0.54             | -       |
| 2-6278878-6 | 25.740 - 26.260 | 84.44 - 86.15   | 0.54                           | 20      | 0.54             | -       |
| 2-6278878-7 | 26.730 - 27.270 | 87.69 - 89.46   | 0.54                           | 20      | 0.54             | -       |
| 2-6278878-8 | 27.720 - 28.280 | 90.94 - 92.78   | 0.54                           | 20      | 0.54             | -       |
| 2-6278878-9 | 28.710 - 29.290 | 94.19 - 96.09   | 0.54                           | 20      | 0.54             | -       |
| 3-6278878-0 | 29.700 - 30.300 | 97.44 - 99.40   | 0.55                           | 20      | 0.55             | -       |
| 3-6278878-1 | 30.690 - 31.310 | 100.68 - 102.72 | 0.55                           | 20      | 0.55             | -       |
| 3-6278878-2 | 31.680 - 32.320 | 103.93 - 106.03 | 0.55                           | 20      | 0.55             | -       |
| 3-6278878-3 | 32.670 - 33.330 | 107.18 - 109.35 | 0.55                           | 20      | 0.55             | -       |
| 3-6278878-4 | 33.660 - 34.340 | 110.43 - 112.66 | 0.55                           | 20      | 0.55             | -       |
| 3-6278878-5 | 34.650 - 35.350 | 113.68 - 115.97 | 0.55                           | 20      | 0.55             | -       |
| 3-6278878-6 | 35.640 - 36.360 | 116.92 - 119.29 | 0.55                           | 20      | 0.55             | -       |
| 3-6278878-7 | 36.630 - 37.370 | 120.17 - 122.60 | 0.56                           | 20      | 0.56             | -       |
| 3-6278878-8 | 37.620 - 38.380 | 123.42 - 125.91 | 0.56                           | 20      | 0.56             | -       |
| 3-6278878-9 | 38.610 - 39.390 | 126.67 - 129.23 | 0.56                           | 20      | 0.56             | -       |
| 4-6278878-0 | 39.600 - 40.400 | 129.92 - 132.54 | 0.56                           | 20      | 0.56             | -       |
| 5-6278878-0 | 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 - Yellow                 | 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

|   |     |                 |                |           |     |      |  |
|---|-----|-----------------|----------------|-----------|-----|------|--|
|   |     |                 |                |           |     |      |  |
|   | 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

OK Michael Kepko

APVD Michael Kepko

MATERIAL -

HEAT TREAT -

Tyco Electronics, Inc.  
Harrisburg, PA 17105-3608

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- 6278878

SHEET 2 of 3

REV B1

8 7 6 5 4 3 2 1

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CAC Customer Layout Rev: D

**This label is used on all lengths on this drawing.**

|                                                                                               |      |                                                                                                                                           |        |                 |  |
|-----------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------|--|
| DFN<br><b>Cable Assy Configurator</b>                                                         |      | MATERIAL<br>-                                                                                                                             |        | HEAT TREAT<br>- |  |
| OK<br>Michael Kepko                                                                           |      |  Tyco Electronics, Inc.<br>Harrisburg, PA 17105-3608 |        |                 |  |
| APD<br>Michael Kepko                                                                          |      |                                                                                                                                           |        |                 |  |
| NAME<br>FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, MT-RJ SECURE<br>(No Pins) to SC-Duplex |      |                                                                                                                                           |        |                 |  |
| SCALE                                                                                         | SIZE | DRAWING NO                                                                                                                                | SHEET  | REV             |  |
| NTS                                                                                           | A2   | C- 6278878                                                                                                                                | 3 of 3 | B1              |  |