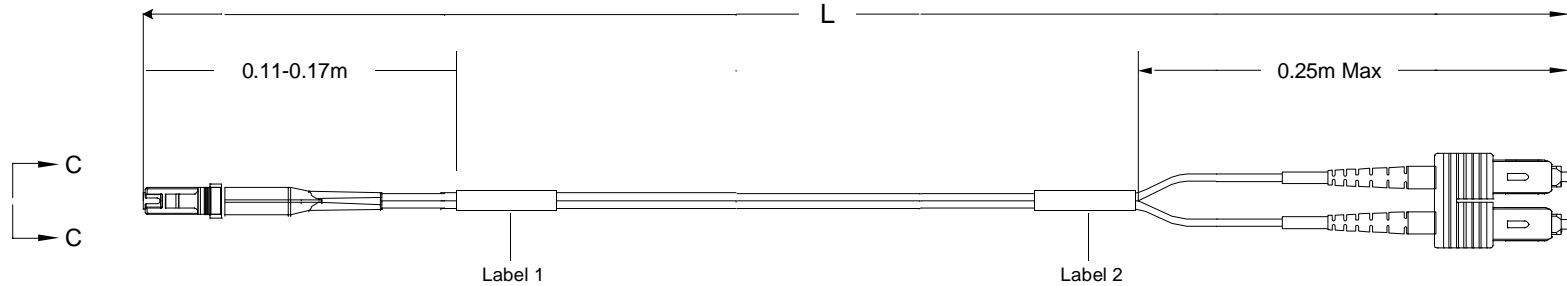


Restricted to: General Release

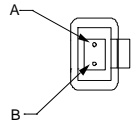
USED ON

THIS DRAWING IS A CONTROLLED DOCUMENT REF ID: A77579



**Left Side**

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



VIEW C-C  
 NOT TO SCALE

**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): SC-Duplex  
 Mode: MM  
 Housing Color: Beige  
 Geom. Spec: N/A

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LOC  
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 16

|   |         |                 |           |     |      |  |  |
|---|---------|-----------------|-----------|-----|------|--|--|
|   |         |                 |           |     |      |  |  |
| B | Rev Per | ECR-06-020123   | 9/21/2006 | -   | MK   |  |  |
| P | LTR     | REVISION RECORD | DATE      | DIN | APVD |  |  |

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

|       |   |  |            |
|-------|---|--|------------|
| 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, XG - 50/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to SC-Duplex |  |            |
| SCALE | SIZE  | DRAWING NO   | SHEET      |
| NTS   | A2  | C- 6754413   | 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 |         | SC-Duplex, Beige |         |
|-------------|-----------------|-----------------|------------------------------|---------|------------------|---------|
|             |                 |                 | IL (dB)                      | RL (dB) | IL (dB)          | RL (dB) |
| 0-6754413-1 | 0.950 - 1.050   | 3.11 - 3.44     | 0.5                          | 20      | 0.5              | -       |
| 0-6754413-2 | 1.950 - 2.050   | 6.39 - 6.72     | 0.5                          | 20      | 0.5              | -       |
| 0-6754413-3 | 2.950 - 3.050   | 9.67 - 10.00    | 0.5                          | 20      | 0.5              | -       |
| 0-6754413-4 | 3.920 - 4.080   | 12.86 - 13.38   | 0.51                         | 20      | 0.51             | -       |
| 0-6754413-5 | 4.920 - 5.080   | 16.14 - 16.66   | 0.51                         | 20      | 0.51             | -       |
| 0-6754413-6 | 5.920 - 6.080   | 19.42 - 19.94   | 0.51                         | 20      | 0.51             | -       |
| 0-6754413-7 | 6.920 - 7.080   | 22.70 - 23.22   | 0.51                         | 20      | 0.51             | -       |
| 0-6754413-8 | 7.920 - 8.080   | 25.98 - 26.50   | 0.51                         | 20      | 0.51             | -       |
| 0-6754413-9 | 8.850 - 9.150   | 29.03 - 30.01   | 0.51                         | 20      | 0.51             | -       |
| 1-6754413-0 | 9.850 - 10.150  | 32.31 - 33.30   | 0.52                         | 20      | 0.52             | -       |
| 1-6754413-1 | 10.850 - 11.150 | 35.59 - 36.58   | 0.52                         | 20      | 0.52             | -       |
| 1-6754413-2 | 11.850 - 12.150 | 38.87 - 39.86   | 0.52                         | 20      | 0.52             | -       |
| 1-6754413-3 | 12.850 - 13.150 | 42.15 - 43.14   | 0.52                         | 20      | 0.52             | -       |
| 1-6754413-4 | 13.850 - 14.150 | 45.43 - 46.42   | 0.52                         | 20      | 0.52             | -       |
| 1-6754413-5 | 14.850 - 15.150 | 48.72 - 49.70   | 0.52                         | 20      | 0.52             | -       |
| 1-6754413-6 | 15.840 - 16.160 | 51.96 - 53.01   | 0.52                         | 20      | 0.52             | -       |
| 1-6754413-7 | 16.830 - 17.170 | 55.21 - 56.33   | 0.53                         | 20      | 0.53             | -       |
| 1-6754413-8 | 17.820 - 18.180 | 58.46 - 59.64   | 0.53                         | 20      | 0.53             | -       |
| 1-6754413-9 | 18.810 - 19.190 | 61.71 - 62.95   | 0.53                         | 20      | 0.53             | -       |
| 2-6754413-0 | 19.800 - 20.200 | 64.96 - 66.27   | 0.53                         | 20      | 0.53             | -       |
| 2-6754413-1 | 20.790 - 21.210 | 68.20 - 69.58   | 0.53                         | 20      | 0.53             | -       |
| 2-6754413-2 | 21.780 - 22.220 | 71.45 - 72.90   | 0.53                         | 20      | 0.53             | -       |
| 2-6754413-3 | 22.770 - 23.230 | 74.70 - 76.21   | 0.53                         | 20      | 0.53             | -       |
| 2-6754413-4 | 23.760 - 24.240 | 77.95 - 79.52   | 0.54                         | 20      | 0.54             | -       |
| 2-6754413-5 | 24.750 - 25.250 | 81.20 - 82.84   | 0.54                         | 20      | 0.54             | -       |
| 2-6754413-6 | 25.740 - 26.260 | 84.44 - 86.15   | 0.54                         | 20      | 0.54             | -       |
| 2-6754413-7 | 26.730 - 27.270 | 87.69 - 89.46   | 0.54                         | 20      | 0.54             | -       |
| 2-6754413-8 | 27.720 - 28.280 | 90.94 - 92.78   | 0.54                         | 20      | 0.54             | -       |
| 2-6754413-9 | 28.710 - 29.290 | 94.19 - 96.09   | 0.54                         | 20      | 0.54             | -       |
| 3-6754413-0 | 29.700 - 30.300 | 97.44 - 99.40   | 0.55                         | 20      | 0.55             | -       |
| 3-6754413-1 | 30.690 - 31.310 | 100.68 - 102.72 | 0.55                         | 20      | 0.55             | -       |
| 3-6754413-2 | 31.680 - 32.320 | 103.93 - 106.03 | 0.55                         | 20      | 0.55             | -       |
| 3-6754413-3 | 32.670 - 33.330 | 107.18 - 109.35 | 0.55                         | 20      | 0.55             | -       |
| 3-6754413-4 | 33.660 - 34.340 | 110.43 - 112.66 | 0.55                         | 20      | 0.55             | -       |
| 3-6754413-5 | 34.650 - 35.350 | 113.68 - 115.97 | 0.55                         | 20      | 0.55             | -       |
| 3-6754413-6 | 35.640 - 36.360 | 116.92 - 119.29 | 0.55                         | 20      | 0.55             | -       |
| 3-6754413-7 | 36.630 - 37.370 | 120.17 - 122.60 | 0.56                         | 20      | 0.56             | -       |
| 3-6754413-8 | 37.620 - 38.380 | 123.42 - 125.91 | 0.56                         | 20      | 0.56             | -       |
| 3-6754413-9 | 38.610 - 39.390 | 126.67 - 129.23 | 0.56                         | 20      | 0.56             | -       |
| 4-6754413-0 | 39.600 - 40.400 | 129.92 - 132.54 | 0.56                         | 20      | 0.56             | -       |
| 5-6754413-0 | 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 - Blue                   | 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, XG-50/125, 1.8mm, Twinzip, Aqua, 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       |

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|---------|-----|-----------------|-----------|----|------|
| Rev Per | EC# | ECR-06-020123   | 9/21/2006 | -  | MK   |
| P       | LTR | REVISION RECORD | DATE      | DN | APVD |

Customer Print

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 ±

DIN Cable Assy Configurator

APVD Michael Kepko

NAME FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to SC-Duplex

SCALE NTS SIZE A2 DRAWING NO C- 6754413 SHEET 2 of 3 REV B

D

C

B

A

THIS DRAWING IS A CONTROLLED DOCUMENT. BFC#

**Label 1** Per specification 107-1645-1

Trace # - Bar Code  
 XXXXXXXXXXXXXXXX Trace # - Human Readable  
 Tyco logo Made in XXXX X-XXXXXXXX-X 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  
 XXXXXXXXXXXXXXXX Trace # - Human Readable  
 Tyco logo Made in XXXX X-XXXXXXXX-X 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 EC# | ECR-06-020123   | 8/21/2006 | -   | 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                 | ± .                                    |

Customer Print

|       |  |  |              |
|-------|--|--|--------------|
| DIN   | Cable Assy Configurator  | MATERIAL   | HEAT TREAT   |
| OK    | Michael Kepko  |  |              |
| APVD  | Michael Kepko  | <b>AMP</b> Tyco Electronics, Inc.<br>Harrisburg, PA 17105-3608 |              |
| NAME  | FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, MT-RJ<br>SECURE (No Pins) to SC-Duplex |  |              |
| SCALE | SIZE   | DRAWING NO   | SHEET        |
| NTS   | A2   | <b>C- 6754413</b>  | 3 of 3       |
|       |  |  | REV <b>B</b> |

A B C D