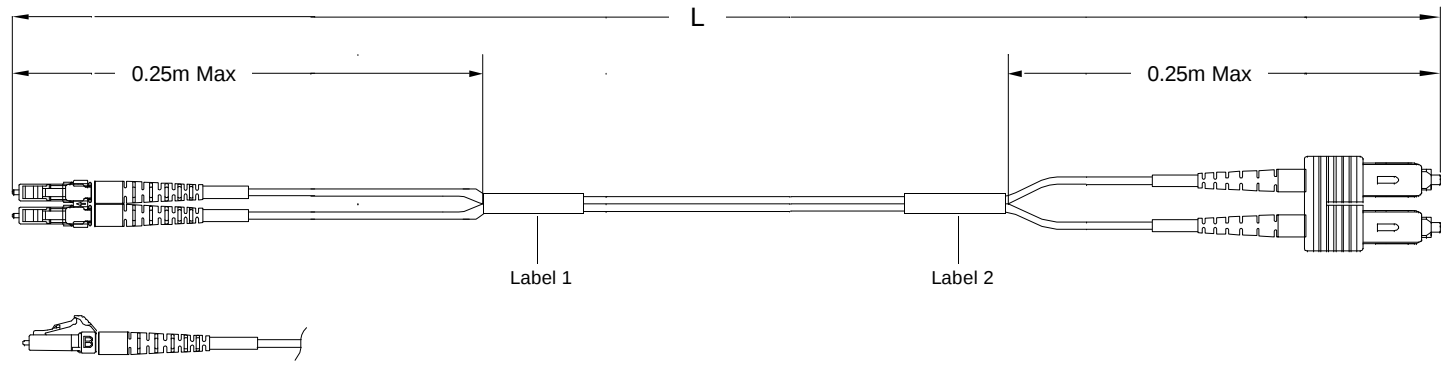


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REV 13 1906076

USED ON



### Left Side

Connector(s): LC-Duplex Secure  
Mode: MM  
Housing Color: Violet  
Geom. Spec: N/A

### Fiber Path

A - \_\_\_\_\_ - B  
B - \_\_\_\_\_ - A

### Right Side

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

### Notes:

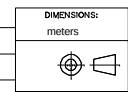
- 1 Product and Processing must meet requirements of Tyco Electronics Standard 230-702
- 2 Includes dust caps (not shown on print).
- 3 IL tested at 1300nm.
- 4 Label 2 will not be present on any cable assembly less than 5 meters long.

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LOC  
CE  
DIST  
16

CAC Customer Layout Rev: D

|   |     |                 |         |           |    |      |  |  |  |
|---|-----|-----------------|---------|-----------|----|------|--|--|--|
|   |     |                 |         |           |    |      |  |  |  |
|   |     |                 |         |           |    |      |  |  |  |
|   | A   | Rev Per EC#     | RELEASE | 1/25/2008 | -  | JD   |  |  |  |
| P | LTR | REVISION RECORD |         | DATE      | DN | APVD |  |  |  |



Restricted To:

| 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. ± .                           |

Cable Assy Configurator

Joe Davis

Joe Davis

NAME FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex

SCALE NTS SIZE A2 DRAWING NO C- 1906076

SHEET 1 of 4 REV A

MATERIAL - HEAT TREAT -

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

8 7 6 5 4 3 2 1

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DWG NO

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|      |
|------|
| LOC  |
| CE   |
| DIST |
| 16   |

CAC Customer Layout Rev: D

[illegible]

| Part #      | L (meters)      | L (feet)        | LC-Duplex Secure, Violet |         | SC-Duplex, Beige |         |
|-------------|-----------------|-----------------|--------------------------|---------|------------------|---------|
|             |                 |                 | IL (dB)                  | RL (dB) | IL (dB)          | RL (dB) |
| 0-1906076-1 | 0.950 - 1.050   | 3.11 - 3.44     | 0.5                      | -       | 0.5              | -       |
| 0-1906076-2 | 1.950 - 2.050   | 6.39 - 6.72     | 0.5                      | -       | 0.5              | -       |
| 0-1906076-3 | 2.950 - 3.050   | 9.67 - 10.00    | 0.5                      | -       | 0.5              | -       |
| 0-1906076-4 | 3.920 - 4.080   | 12.86 - 13.38   | 0.51                     | -       | 0.51             | -       |
| 0-1906076-5 | 4.920 - 5.080   | 16.14 - 16.66   | 0.51                     | -       | 0.51             | -       |
| 0-1906076-6 | 5.920 - 6.080   | 19.42 - 19.94   | 0.51                     | -       | 0.51             | -       |
| 0-1906076-7 | 6.920 - 7.080   | 22.70 - 23.22   | 0.51                     | -       | 0.51             | -       |
| 0-1906076-8 | 7.920 - 8.080   | 25.98 - 26.50   | 0.51                     | -       | 0.51             | -       |
| 0-1906076-9 | 8.850 - 9.150   | 29.03 - 30.01   | 0.51                     | -       | 0.51             | -       |
| 1-1906076-0 | 9.850 - 10.150  | 32.31 - 33.30   | 0.52                     | -       | 0.52             | -       |
| 1-1906076-1 | 10.850 - 11.150 | 35.59 - 36.58   | 0.52                     | -       | 0.52             | -       |
| 1-1906076-2 | 11.850 - 12.150 | 38.87 - 39.86   | 0.52                     | -       | 0.52             | -       |
| 1-1906076-3 | 12.850 - 13.150 | 42.15 - 43.14   | 0.52                     | -       | 0.52             | -       |
| 1-1906076-4 | 13.850 - 14.150 | 45.43 - 46.42   | 0.52                     | -       | 0.52             | -       |
| 1-1906076-5 | 14.850 - 15.150 | 48.72 - 49.70   | 0.52                     | -       | 0.52             | -       |
| 1-1906076-6 | 15.840 - 16.160 | 51.96 - 53.01   | 0.52                     | -       | 0.52             | -       |
| 1-1906076-7 | 16.830 - 17.170 | 55.21 - 56.33   | 0.53                     | -       | 0.53             | -       |
| 1-1906076-8 | 17.820 - 18.180 | 58.46 - 59.64   | 0.53                     | -       | 0.53             | -       |
| 1-1906076-9 | 18.810 - 19.190 | 61.71 - 62.95   | 0.53                     | -       | 0.53             | -       |
| 2-1906076-0 | 19.800 - 20.200 | 64.96 - 66.27   | 0.53                     | -       | 0.53             | -       |
| 2-1906076-1 | 20.790 - 21.210 | 68.20 - 69.58   | 0.53                     | -       | 0.53             | -       |
| 2-1906076-2 | 21.780 - 22.220 | 71.45 - 72.90   | 0.53                     | -       | 0.53             | -       |
| 2-1906076-3 | 22.770 - 23.230 | 74.70 - 76.21   | 0.53                     | -       | 0.53             | -       |
| 2-1906076-4 | 23.760 - 24.240 | 77.95 - 79.52   | 0.54                     | -       | 0.54             | -       |
| 2-1906076-5 | 24.750 - 25.250 | 81.20 - 82.84   | 0.54                     | -       | 0.54             | -       |
| 2-1906076-6 | 25.740 - 26.260 | 84.44 - 86.15   | 0.54                     | -       | 0.54             | -       |
| 2-1906076-7 | 26.730 - 27.270 | 87.69 - 89.46   | 0.54                     | -       | 0.54             | -       |
| 2-1906076-8 | 27.720 - 28.280 | 90.94 - 92.78   | 0.54                     | -       | 0.54             | -       |
| 2-1906076-9 | 28.710 - 29.290 | 94.19 - 96.09   | 0.54                     | -       | 0.54             | -       |
| 3-1906076-0 | 29.700 - 30.300 | 97.44 - 99.40   | 0.55                     | -       | 0.55             | -       |
| 3-1906076-1 | 30.690 - 31.310 | 100.68 - 102.72 | 0.55                     | -       | 0.55             | -       |
| 3-1906076-2 | 31.680 - 32.320 | 103.93 - 106.03 | 0.55                     | -       | 0.55             | -       |
| 3-1906076-3 | 32.670 - 33.330 | 107.18 - 109.35 | 0.55                     | -       | 0.55             | -       |
| 3-1906076-4 | 33.660 - 34.340 | 110.43 - 112.66 | 0.55                     | -       | 0.55             | -       |
| 3-1906076-5 | 34.650 - 35.350 | 113.68 - 115.97 | 0.55                     | -       | 0.55             | -       |
| 3-1906076-6 | 35.640 - 36.360 | 116.92 - 119.29 | 0.55                     | -       | 0.55             | -       |
| 3-1906076-7 | 36.630 - 37.370 | 120.17 - 122.60 | 0.56                     | -       | 0.56             | -       |
| 3-1906076-8 | 37.620 - 38.380 | 123.42 - 125.91 | 0.56                     | -       | 0.56             | -       |
| 3-1906076-9 | 38.610 - 39.390 | 126.67 - 129.23 | 0.56                     | -       | 0.56             | -       |
| 4-1906076-0 | 39.600 - 40.400 | 129.92 - 132.54 | 0.56                     | -       | 0.56             | -       |
| 4-1906076-1 | 40.590 - 41.410 | 133.16 - 135.85 | 0.56                     | -       | 0.56             | -       |
| 4-1906076-2 | 41.580 - 42.420 | 136.41 - 139.17 | 0.56                     | -       | 0.56             | -       |

| Qty | U of M | Description                                            | Item No. |
|-----|--------|--------------------------------------------------------|----------|
| 2   | piece  | Trace Label                                            | 10       |
| 2   | piece  | CONN SUBASSY, MM, SC 1.6MM                             | 9        |
| 4   | piece  | Eyelet/Shrink tube assembly - White                    | 8        |
| 2   | piece  | SC Duplex Clip                                         | 7        |
| AR  | meter  | 2 Fiber, XG-50/125, 2.0mm, Twinzip, Aqua, OFNR (Riser) | 6        |
| 2   | piece  | 2.5mm ferrule cover                                    | 5        |
| 2   | piece  | SC Simplex Housing, Beige                              | 4        |
| 2   | piece  | LC Connector Assy, 1.6mm-2.0mm, MM                     | 3        |
| 1   | piece  | LC Duplex clip, black                                  | 2        |
| 4   | piece  | LC, SC, FC Straight Boot, Beige                        | 1        |

|   |     |             |                 |           |     |     |  |  |  |
|---|-----|-------------|-----------------|-----------|-----|-----|--|--|--|
|   |     |             |                 |           |     |     |  |  |  |
|   | A   | Rev Per EC# | RELEASE         | 1/25/2008 | -   | JL  |  |  |  |
| P | LTR |             | REVISION RECORD | DATE      | DIN | API |  |  |  |

**DIMENSIONS;**  
meters



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

5 Restricted To:

|                                                                                                  |  |                                                                                                                                                  |  |                                        |  |
|--------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|--|
| <b>QW</b><br><b>Cable Assy Configurator</b>                                                      |  | <b>MATERIAL</b><br>-                                                                                                                             |  | <b>HEAT TREAT</b><br>-                 |  |
| <b>CHK</b><br>Joe Davis                                                                          |  |  <b>Tyco Electronics, Inc.</b><br>Harrisburg, PA 17105-3608 |  |                                        |  |
| <b>APVD</b><br>Joe Davis                                                                         |  |                                                                                                                                                  |  |                                        |  |
| <b>NAME</b> FO CIA - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex<br>Secure to SC-Duplex |  |                                                                                                                                                  |  |                                        |  |
| <b>SCALE</b><br>NTS                                                                              |  | <b>A2</b><br>SIZE                                                                                                                                |  | <b>DRAWING NO</b><br><b>C- 1906076</b> |  |
|                                                                                                  |  |                                                                                                                                                  |  | <b>SHEET</b><br>2 of 4                 |  |
|                                                                                                  |  |                                                                                                                                                  |  | <b>REV A</b>                           |  |

D

C

B

A

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| LOC  |
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| 16   |

CAC Customer Layout Rev: D

|   |     |                        |         |           |             |          |
|---|-----|------------------------|---------|-----------|-------------|----------|
|   |     |                        |         |           |             |          |
|   | A   | Rev Per EC#            | RELEASE | 1/25/2008 | -           | JD       |
| P | LTR | <b>REVISION RECORD</b> |         |           | <b>DATE</b> | DIN APVD |

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

|                                                                                                  |                   |                                                                                       |                        |                        |  |
|--------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|------------------------|------------------------|--|
| <b>QW</b><br>Cable Assy Configurator                                                             |                   | <b>MATERIAL</b><br>-                                                                  |                        | <b>HEAT TREAT</b><br>- |  |
| <b>CHK</b><br>Joe Davis                                                                          |                   |  |                        |                        |  |
| <b>APVD</b><br>Joe Davis                                                                         |                   |                                                                                       |                        |                        |  |
| <b>NAME</b> FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex<br>Secure to SC-Duplex |                   |                                                                                       |                        |                        |  |
| <b>SCALE</b><br>NTS                                                                              | <b>SIZE</b><br>A2 | <b>DRAWING NO</b><br>C- 1906076                                                       | <b>SHEET</b><br>3 of 4 | <b>REV A</b>           |  |

A

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LOC  
CE  
DIST  
16

CAC Customer Layout Rev: D

8 7 6 5 4 3 2 1

|   |     |                 |         |           |     |      |  |
|---|-----|-----------------|---------|-----------|-----|------|--|
|   |     |                 |         |           |     |      |  |
|   |     |                 |         |           |     |      |  |
|   |     |                 |         |           |     |      |  |
|   | A   | Rev Per EC#     | RELEASE | 1/25/2008 | -   | JD   |  |
| 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                                | ± . |

Restricted To:

|                                                                                           |                                                                |                       |              |       |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------|--------------|-------|
| DIN Cable Assy Configurator                                                               |                                                                | MATERIAL -            | HEAT TREAT - |       |
| CHK Joe Davis                                                                             | <b>AMP</b> Tyco Electronics, Inc.<br>Harrisburg, PA 17105-3608 |                       |              |       |
| APVD Joe Davis                                                                            |                                                                |                       |              |       |
| NAME FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex<br>Secure to SC-Duplex |                                                                |                       |              |       |
| SCALE NTS                                                                                 | SIZE A2                                                        | DRAWING NO C- 1906076 | SHEET 4 of 4 | REV A |