

### Fiber Path

$$\begin{array}{ccccc} A & - & \text{—————} & - & B \\ B & - & \text{—————} & - & A \end{array}$$

Right Side

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

- Notes:

- 1 Label 2 will not be present on any cable assembly less than 5 meters long.
- 2 Includes dust caps (not shown on print).
- 3 OM3 assemblies tested at 850nm, all other multimode tested at 1300nm

[illegible]

**DIMENSIONS:**  
meters

Restricted To:

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

|                                                                                 |            |                                                                                                                                           |                 |            |           |
|---------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|-----------|
| DIN<br>Cable Assy Configurator                                                  |            | MATERIAL<br>-                                                                                                                             |                 | HEAT TREAT |           |
| CHK<br>Doug Kirsch                                                              |            |  Tyco Electronics, Inc.<br>Harrisburg, PA 17105-3608 |                 |            |           |
| APVD<br>Doug Kirsch                                                             |            |                                                                                                                                           |                 |            |           |
| NAME FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex to LC-Duplex |            |                                                                                                                                           |                 |            |           |
| SCALE<br>NTS                                                                    | SIZE<br>A2 | DRAWING NO.<br>C- 6828317                                                                                                                 | SHEET<br>1 of 3 |            | REV<br>F4 |

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

1

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

|    |             |                 |           |     |      |  |
|----|-------------|-----------------|-----------|-----|------|--|
|    |             |                 |           |     |      |  |
| F4 | Rev Per EC# | RELEASE         | 8/10/2011 | -   | DK   |  |
| P  | LTR         | REVISION RECORD | DATE      | DIN | APVD |  |

**DIMENSIONS:**  
meters



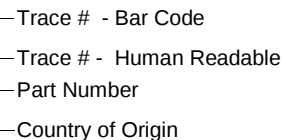
Restricted To:

|                                                                                 |             |                                                                                                                                           |              |              |
|---------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| DWN Cable Assy Configurator                                                     |             | MATERIAL                                                                                                                                  | HEAT TREAT   |              |
| CHK                                                                             | Doug Kirsch |  Tyco Electronics, Inc.<br>Harrisburg, PA 17105-3608 |              |              |
| APVD                                                                            | Doug Kirsch |                                                                                                                                           |              |              |
| NAME FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex to LC-Duplex |             |                                                                                                                                           |              |              |
| SCALE                                                                           | SIZE<br>A2  | DRAWING NO. <b>C-6828317</b>                                                                                                              | SHEET 2 of 3 | BY <b>F4</b> |

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

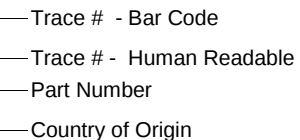
| Part #      | L (meters)        | L (feet)        | LC-Duplex, Beige |         | LC-Duplex, Beige |         |
|-------------|-------------------|-----------------|------------------|---------|------------------|---------|
|             |                   |                 | IL (dB)          | RL (dB) | IL (dB)          | RL (dB) |
| 4-6828317-3 | 5.420 - 5.580     | 17.78 - 18.30   | 0.51             | -       | 0.51             | -       |
| 4-6828317-4 | 6.420 - 6.580     | 21.06 - 21.58   | 0.51             | -       | 0.51             | -       |
| 4-6828317-5 | 59.400 - 60.600   | 194.88 - 198.81 | 0.59             | -       | 0.59             | -       |
| 4-6828317-6 | 45.540 - 46.460   | 149.40 - 152.42 | 0.57             | -       | 0.57             | -       |
| 4-6828317-7 | 1.474 - 1.574     | 4.83 - 5.16     | 0.5              | -       | 0.5              | -       |
| 4-6828317-8 | 2.083 - 2.183     | 6.83 - 7.16     | 0.5              | -       | 0.5              | -       |
| 4-6828317-9 | 48.510 - 49.490   | 159.15 - 162.36 | 0.57             | -       | 0.57             | -       |
| 5-6828317-0 | 49.500 - 50.500   | 162.40 - 165.68 | 0.58             | -       | 0.58             | -       |
| 5-6828317-1 | 138.600 - 141.400 | 454.72 - 463.91 | 0.71             | -       | 0.71             | -       |
| 5-6828317-2 | 0.470 - 0.530     | 1.54 - 1.73     | 0.5              | -       | 0.5              | -       |
| 5-6828317-3 | 2.450 - 2.550     | 8.03 - 8.36     | 0.5              | -       | 0.5              | -       |
| 5-6828317-4 | 3.450 - 3.550     | 11.31 - 11.64   | 0.51             | -       | 0.51             | -       |
| 5-6828317-5 | 4.420 - 4.580     | 14.50 - 15.02   | 0.51             | -       | 0.51             | -       |
| 8-6828317-0 | 7.540 - 7.700     | 24.73 - 25.26   | 0.51             | -       | 0.51             | -       |
| 8-6828317-1 | 60.351 - 61.570   | 198.00 - 202.00 | 0.59             | -       | 0.59             | -       |

Per specification 107-1645-1



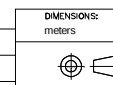
**This label is used on all lengths on this drawing.**

Per specification 107-1645-1



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

|   |     |                 |         |           |     |
|---|-----|-----------------|---------|-----------|-----|
|   |     |                 |         |           |     |
|   |     |                 |         |           |     |
|   | F4  | Rev Per EC#     | RELEASE | 8/10/2011 | -   |
| P | LTR | REVISION RECORD |         | DATE      | DIN |



**DIMENSIONS:**  
meters

Restricted To:

| TOLERANCES UNLESS OTHERWISE SPECIFIED |       |   |
|---------------------------------------|-------|---|
| PLC                                   | $\pm$ | - |
| PLC                                   | $\pm$ | - |
| PLC                                   | $\pm$ | - |
| PLC                                   | $\pm$ | - |
| PLC                                   | $\pm$ | - |

|                                                                                 |              |                                                                                                                                           |                 |           |
|---------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|
| QW Cable Assy Configurator                                                      |              | MATERIAL                                                                                                                                  | HEAT TREAT      |           |
| CHK                                                                             | Doung Kirsch |  Tyco Electronics, Inc.<br>Harrisburg, PA 17105-3608 |                 |           |
| APVD                                                                            | Doung Kirsch |                                                                                                                                           |                 |           |
| NAME FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex to LC-Duplex |              |                                                                                                                                           |                 |           |
| SCALE<br>NTS                                                                    | SIZE<br>A2   | DRWG NO<br>C- 682317                                                                                                                      | SHEET<br>3 of 3 | REV<br>F4 |