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| LOC  |  |
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| DIST |  |
| 16   |  |

8

Geom. Spec: N/A



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

Geom. Spec: N/A

- 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.

|   |     |                 |         |           |      |     |    |  |  |
|---|-----|-----------------|---------|-----------|------|-----|----|--|--|
|   |     |                 |         |           |      |     |    |  |  |
|   | A   | Rev Per EC#     | RELEASE | 7/29/2008 | -    | J   |    |  |  |
| P | LTR | REVISION RECORD |         |           | DATE | DIN | AF |  |  |

**DIMENSIONS:**  
meters



Restricted To:

|                                                                                          |                                                                                       |                                 |                        |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|------------------------|
| <b>WIN</b><br><b>Cable Assy Configurator</b>                                             |                                                                                       | <b>MATERIAL</b><br>-            | <b>HEAT TREAT</b><br>- |
| <b>CHK</b><br>Jeremy Duncan                                                              |  |                                 |                        |
| <b>APVD</b><br>Jeremy Duncan                                                             |                                                                                       |                                 |                        |
| <b>NAME</b> FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex |                                                                                       |                                 |                        |
| <b>SCALE</b><br>NTS                                                                      | <b>SIZE</b><br>A2                                                                     | <b>DRAWING NO</b><br>C- 1906001 | <b>SHEET</b><br>1 of 4 |
|                                                                                          |                                                                                       | <b>REV</b><br>A                 |                        |

| Product       | Price | Features | Availability |
|---------------|-------|----------|--------------|
| Duplex Secure | MM    | State    | N/A          |

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DAG NO

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| LOC  |
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| 16   |

CAC Customer Layout Rev: D

| Part #      | L (meters)      | L (feet)        | LC-Duplex Secure, Slate |         | SC-Duplex, Beige |         |
|-------------|-----------------|-----------------|-------------------------|---------|------------------|---------|
|             |                 |                 | IL (dB)                 | RL (dB) | IL (dB)          | RL (dB) |
| 0-1906001-1 | 0.950 - 1.050   | 3.11 - 3.44     | 0.5                     | -       | 0.5              | -       |
| 0-1906001-2 | 1.950 - 2.050   | 6.39 - 6.72     | 0.5                     | -       | 0.5              | -       |
| 0-1906001-3 | 2.950 - 3.050   | 9.67 - 10.00    | 0.5                     | -       | 0.5              | -       |
| 0-1906001-4 | 3.920 - 4.080   | 12.86 - 13.38   | 0.51                    | -       | 0.51             | -       |
| 0-1906001-5 | 4.920 - 5.080   | 16.14 - 16.66   | 0.51                    | -       | 0.51             | -       |
| 0-1906001-6 | 5.920 - 6.080   | 19.42 - 19.94   | 0.51                    | -       | 0.51             | -       |
| 0-1906001-7 | 6.920 - 7.080   | 22.70 - 23.22   | 0.51                    | -       | 0.51             | -       |
| 0-1906001-8 | 7.920 - 8.080   | 25.98 - 26.50   | 0.51                    | -       | 0.51             | -       |
| 0-1906001-9 | 8.850 - 9.150   | 29.03 - 30.01   | 0.51                    | -       | 0.51             | -       |
| 1-1906001-0 | 9.850 - 10.150  | 32.31 - 33.30   | 0.52                    | -       | 0.52             | -       |
| 1-1906001-1 | 10.850 - 11.150 | 35.59 - 36.58   | 0.52                    | -       | 0.52             | -       |
| 1-1906001-2 | 11.850 - 12.150 | 38.87 - 39.86   | 0.52                    | -       | 0.52             | -       |
| 1-1906001-3 | 12.850 - 13.150 | 42.15 - 43.14   | 0.52                    | -       | 0.52             | -       |
| 1-1906001-4 | 13.850 - 14.150 | 45.43 - 46.42   | 0.52                    | -       | 0.52             | -       |
| 1-1906001-5 | 14.850 - 15.150 | 48.72 - 49.70   | 0.52                    | -       | 0.52             | -       |
| 1-1906001-6 | 15.840 - 16.160 | 51.96 - 53.01   | 0.52                    | -       | 0.52             | -       |
| 1-1906001-7 | 16.830 - 17.170 | 55.21 - 56.33   | 0.53                    | -       | 0.53             | -       |
| 1-1906001-8 | 17.820 - 18.180 | 58.46 - 59.64   | 0.53                    | -       | 0.53             | -       |
| 1-1906001-9 | 18.810 - 19.190 | 61.71 - 62.95   | 0.53                    | -       | 0.53             | -       |
| 2-1906001-0 | 19.800 - 20.200 | 64.96 - 66.27   | 0.53                    | -       | 0.53             | -       |
| 2-1906001-1 | 20.790 - 21.210 | 68.20 - 69.58   | 0.53                    | -       | 0.53             | -       |
| 2-1906001-2 | 21.780 - 22.220 | 71.45 - 72.90   | 0.53                    | -       | 0.53             | -       |
| 2-1906001-3 | 22.770 - 23.230 | 74.70 - 76.21   | 0.53                    | -       | 0.53             | -       |
| 2-1906001-4 | 23.760 - 24.240 | 77.95 - 79.52   | 0.54                    | -       | 0.54             | -       |
| 2-1906001-5 | 24.750 - 25.250 | 81.20 - 82.84   | 0.54                    | -       | 0.54             | -       |
| 2-1906001-6 | 25.740 - 26.260 | 84.44 - 86.15   | 0.54                    | -       | 0.54             | -       |
| 2-1906001-7 | 26.730 - 27.270 | 87.69 - 89.46   | 0.54                    | -       | 0.54             | -       |
| 2-1906001-8 | 27.720 - 28.280 | 90.94 - 92.78   | 0.54                    | -       | 0.54             | -       |
| 2-1906001-9 | 28.710 - 29.290 | 94.19 - 96.09   | 0.54                    | -       | 0.54             | -       |
| 3-1906001-0 | 29.700 - 30.300 | 97.44 - 99.40   | 0.55                    | -       | 0.55             | -       |
| 3-1906001-1 | 30.690 - 31.310 | 100.68 - 102.72 | 0.55                    | -       | 0.55             | -       |
| 3-1906001-2 | 31.680 - 32.320 | 103.93 - 106.03 | 0.55                    | -       | 0.55             | -       |
| 3-1906001-3 | 32.670 - 33.330 | 107.18 - 109.35 | 0.55                    | -       | 0.55             | -       |
| 3-1906001-4 | 33.660 - 34.340 | 110.43 - 112.66 | 0.55                    | -       | 0.55             | -       |
| 3-1906001-5 | 34.650 - 35.350 | 113.68 - 115.97 | 0.55                    | -       | 0.55             | -       |
| 3-1906001-6 | 35.640 - 36.360 | 116.92 - 119.29 | 0.55                    | -       | 0.55             | -       |
| 3-1906001-7 | 36.630 - 37.370 | 120.17 - 122.60 | 0.56                    | -       | 0.56             | -       |
| 3-1906001-8 | 37.620 - 38.380 | 123.42 - 125.91 | 0.56                    | -       | 0.56             | -       |
| 3-1906001-9 | 38.610 - 39.390 | 126.67 - 129.23 | 0.56                    | -       | 0.56             | -       |
| 4-1906001-0 | 39.600 - 40.400 | 129.92 - 132.54 | 0.56                    | -       | 0.56             | -       |
| 4-1906001-1 | 40.590 - 41.410 | 133.16 - 135.85 | 0.56                    | -       | 0.56             | -       |
| 4-1906001-2 | 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, 50/125, 2.0mm, Twinzip, Orange, 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 | 7/29/2008 | -   |
| P | LTR | REVISION RECORD |         | DATE      | DIN |

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

Restricted To:

|                                                                                          |                   |                                                                                       |                        |                        |  |
|------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|------------------------|------------------------|--|
| <b>Q1</b><br><b>Cable Assy Configurator</b>                                              |                   | <b>MATERIAL</b><br>-                                                                  |                        | <b>HEAT TREAT</b><br>- |  |
| <b>CHK</b><br>Jeremy Duncan                                                              |                   |  |                        |                        |  |
| <b>APVD</b><br>Jeremy Duncan                                                             |                   |                                                                                       |                        |                        |  |
| <b>NAME</b> FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex |                   |                                                                                       |                        |                        |  |
| <b>SCALE</b><br>NTS                                                                      | <b>SIZE</b><br>A2 | <b>DRAWING NO</b><br>C- 1906001                                                       | <b>SHEET</b><br>2 of 4 | <b>REV</b><br>A        |  |

D

C

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A

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

CAC Customer Layout Rev: D

| Part #      | L (meters)      | L (feet)        | LC-Duplex Secure, Slate |         | SC-Duplex, Beige |         |
|-------------|-----------------|-----------------|-------------------------|---------|------------------|---------|
|             |                 |                 | IL (dB)                 | RL (dB) | IL (dB)          | RL (dB) |
| 4-1906001-3 | 42.570 - 43.430 | 139.66 - 142.48 | 0.56                    | -       | 0.56             | -       |
| 4-1906001-4 | 43.560 - 44.440 | 142.91 - 145.80 | 0.57                    | -       | 0.57             | -       |
| 4-1906001-5 | 44.550 - 45.450 | 146.16 - 149.11 | 0.57                    | -       | 0.57             | -       |
| 4-1906001-6 | 45.540 - 46.460 | 149.40 - 152.42 | 0.57                    | -       | 0.57             | -       |
| 4-1906001-7 | 46.530 - 47.470 | 152.65 - 155.74 | 0.57                    | -       | 0.57             | -       |
| 4-1906001-8 | 47.520 - 48.480 | 155.90 - 159.05 | 0.57                    | -       | 0.57             | -       |
| 4-1906001-9 | 48.510 - 49.490 | 159.15 - 162.36 | 0.57                    | -       | 0.57             | -       |
| 5-1906001-0 | 49.500 - 50.500 | 162.40 - 165.68 | 0.58                    | -       | 0.58             | -       |
| 5-1906001-1 | 50.490 - 51.510 | 165.64 - 168.99 | 0.58                    | -       | 0.58             | -       |
| 5-1906001-2 | 51.480 - 52.520 | 168.89 - 172.30 | 0.58                    | -       | 0.58             | -       |
| 5-1906001-3 | 52.470 - 53.530 | 172.14 - 175.62 | 0.58                    | -       | 0.58             | -       |
| 5-1906001-4 | 53.460 - 54.540 | 175.39 - 178.93 | 0.58                    | -       | 0.58             | -       |
| 5-1906001-5 | 54.450 - 55.550 | 178.64 - 182.25 | 0.58                    | -       | 0.58             | -       |
| 5-1906001-6 | 55.440 - 56.560 | 181.88 - 185.56 | 0.58                    | -       | 0.58             | -       |
| 5-1906001-7 | 56.430 - 57.570 | 185.13 - 188.87 | 0.59                    | -       | 0.59             | -       |
| 5-1906001-8 | 57.420 - 58.580 | 188.38 - 192.19 | 0.59                    | -       | 0.59             | -       |
| 5-1906001-9 | 58.410 - 59.590 | 191.63 - 195.50 | 0.59                    | -       | 0.59             | -       |
| 6-1906001-0 | 59.400 - 60.600 | 194.88 - 198.81 | 0.59                    | -       | 0.59             | -       |
| 6-1906001-1 | 60.390 - 61.610 | 198.12 - 202.13 | 0.59                    | -       | 0.59             | -       |
| 6-1906001-2 | 61.380 - 62.620 | 201.37 - 205.44 | 0.59                    | -       | 0.59             | -       |
| 6-1906001-3 | 62.370 - 63.630 | 204.62 - 208.75 | 0.59                    | -       | 0.59             | -       |
| 6-1906001-4 | 63.360 - 64.640 | 207.87 - 212.07 | 0.6                     | -       | 0.6              | -       |
| 6-1906001-5 | 64.350 - 65.650 | 211.12 - 215.38 | 0.6                     | -       | 0.6              | -       |
| 6-1906001-6 | 65.340 - 66.660 | 214.37 - 218.70 | 0.6                     | -       | 0.6              | -       |
| 6-1906001-7 | 66.330 - 67.670 | 217.61 - 222.01 | 0.6                     | -       | 0.6              | -       |
| 6-1906001-8 | 67.320 - 68.680 | 220.86 - 225.32 | 0.6                     | -       | 0.6              | -       |
| 6-1906001-9 | 68.310 - 69.690 | 224.11 - 228.64 | 0.6                     | -       | 0.6              | -       |
| 7-1906001-0 | 69.300 - 70.700 | 227.36 - 231.95 | 0.61                    | -       | 0.61             | -       |
| 7-1906001-1 | 70.290 - 71.710 | 230.61 - 235.26 | 0.61                    | -       | 0.61             | -       |
| 7-1906001-2 | 71.280 - 72.720 | 233.85 - 238.58 | 0.61                    | -       | 0.61             | -       |
| 7-1906001-3 | 72.270 - 73.730 | 237.10 - 241.89 | 0.61                    | -       | 0.61             | -       |
| 7-1906001-4 | 73.260 - 74.740 | 240.35 - 245.20 | 0.61                    | -       | 0.61             | -       |
| 7-1906001-5 | 74.250 - 75.750 | 243.60 - 248.52 | 0.61                    | -       | 0.61             | -       |
| 7-1906001-6 | 75.240 - 76.760 | 246.85 - 251.83 | 0.61                    | -       | 0.61             | -       |
| 7-1906001-7 | 76.230 - 77.770 | 250.09 - 255.15 | 0.62                    | -       | 0.62             | -       |
| 7-1906001-8 | 77.220 - 78.780 | 253.34 - 258.46 | 0.62                    | -       | 0.62             | -       |
| 7-1906001-9 | 78.210 - 79.790 | 256.59 - 261.77 | 0.62                    | -       | 0.62             | -       |
| 8-1906001-0 | 79.200 - 80.800 | 259.84 - 265.09 | 0.62                    | -       | 0.62             | -       |

|   |     |                     |           |     |    |
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|   |     |                     |           |     |    |
|   | A   | Rev Per EC# RELEASE | 7/29/2008 | -   | JF |
| P | LTR | REVISION RECORD     | DATE      | DIN | AP |

**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>DBN</b><br><b>Cable Assy Configurator</b>                                             |  | <b>MATERIAL</b><br>-                                                                                                                             |  | <b>HEAT TREAT</b><br>-                 |  |
| <b>CHK</b><br>Jeremy Duncan                                                              |  |  <b>Tyco Electronics, Inc.</b><br>Harrisburg, PA 17105-3608 |  |                                        |  |
| <b>APVD</b><br>Jeremy Duncan                                                             |  |                                                                                                                                                  |  |                                        |  |
| <b>NAME</b> FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex |  |                                                                                                                                                  |  |                                        |  |
| <b>SCALE</b><br>NTS                                                                      |  | <b>SIZE</b><br>A2                                                                                                                                |  | <b>DRAWING NO</b><br><b>C- 1906001</b> |  |
|                                                                                          |  |                                                                                                                                                  |  | <b>SHEET</b><br>3 of 4                 |  |
|                                                                                          |  |                                                                                                                                                  |  | <b>REV</b> A                           |  |

D

C

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 | 7/29/2008 | -   | JD   |  |
| P | LTR | REVISION RECORD |         | DATE      | DIN | APVD |  |

|                       |
|-----------------------|
| DIMENSIONS:<br>meters |
|                       |

|                                           |
|-------------------------------------------|
| TOLERANCES UNLESS<br>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                                                                               | Jeremy Duncan |                       | <b>AMP</b> Tyco Electronics, Inc.<br>Harrisburg, PA 17105-3608 |       |
| APVD                                                                              | Jeremy Duncan |                       |                                                                |       |
| NAME FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex |               |                       |                                                                |       |
| SCALE NTS                                                                         | SIZE A2       | DRAWING NO C- 1906001 | SHEET 4 of 4                                                   | REV A |

Label 1

Per specification 107-1645-1

XXXXXXXXXXXXXXXX

Logo

Made in XXXX

X-XXXXXXXX-X

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

XXXXXXXXXXXXXXXX

Logo

Made in XXXX

X-XXXXXXXX-X

Trace # - Bar Code

Trace # - Human Readable

Part Number

Country of Origin

This label is used on all lengths on this drawing.

D  
C  
B  
A