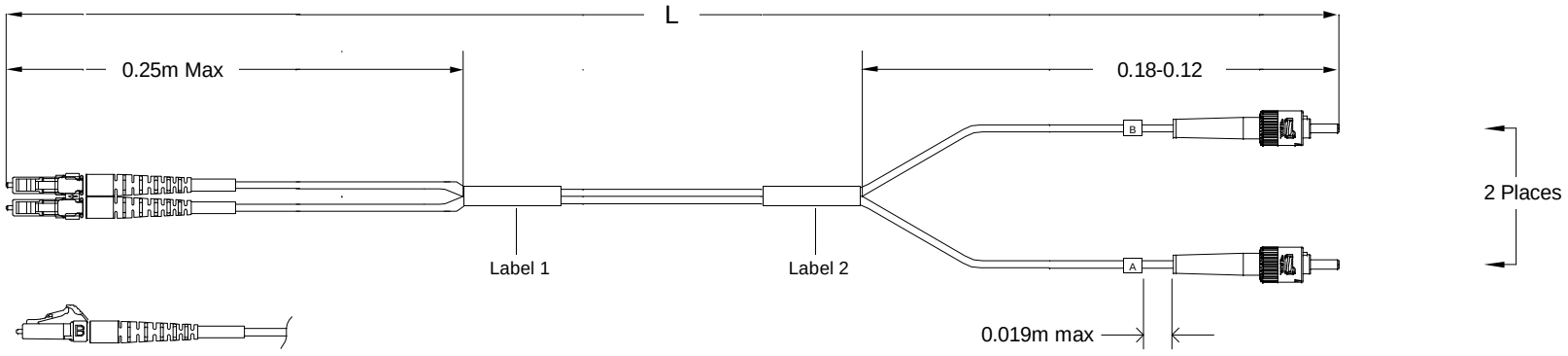
THIS DRAWING IS A CONTROLLED DOCUMENT. DWG NO 1906009

USED ON




## Left Side

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

## Fiber Path

A - B
B - A

## Right Side

Connector(s): ST
Mode: MM
Housing Color: N/A
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.

| P | LTR | REVISION RECORD | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | Rev Per EC# RELEASE | 5/15/2007 | - | DF |

DIMENSIONS: meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC # -
1 PLC # -
2 PLC # -
3 PLC # -
4 PLC # -

Restricted To:

| | | | |
|---|---|---|---|
| DWN Cable Assy Configurator | MATERIAL - | HEAT TREAT - | |
| CHK Dave Fennell | AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608 | | |
| APVD Dave Fennell | | | |
| NAME FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, LC-Duplex Secure to ST | | | |
| SCALE NTS | SIZE A2 | DRAWING NO C- 1906009 | SHEET 1 of 4 | REV A |

LOC CE
DIST 16

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CAC Customer Layout Rev: D

| Part # | L (meters) | L (feet) | LC-Duplex Secure, Brown IL (dB) | LC-Duplex Secure, Brown RL (dB) | ST IL (dB) | ST RL (dB) |
|---|---|---|---|---|---|---|
| 0-1906009-1 | 0.950 - 1.050 | 3.11 - 3.44 | 0.5 | - | 0.5 | - |
| 0-1906009-2 | 1.950 - 2.050 | 6.39 - 6.72 | 0.5 | - | 0.5 | - |
| 0-1906009-3 | 2.950 - 3.050 | 9.67 - 10.00 | 0.5 | - | 0.5 | - |
| 0-1906009-4 | 3.920 - 4.080 | 12.86 - 13.38 | 0.51 | - | 0.51 | - |
| 0-1906009-5 | 4.920 - 5.080 | 16.14 - 16.66 | 0.51 | - | 0.51 | - |
| 0-1906009-6 | 5.920 - 6.080 | 19.42 - 19.94 | 0.51 | - | 0.51 | - |
| 0-1906009-7 | 6.920 - 7.080 | 22.70 - 23.22 | 0.51 | - | 0.51 | - |
| 0-1906009-8 | 7.920 - 8.080 | 25.98 - 26.50 | 0.51 | - | 0.51 | - |
| 0-1906009-9 | 8.850 - 9.150 | 29.03 - 30.01 | 0.51 | - | 0.51 | - |
| 1-1906009-0 | 9.850 - 10.150 | 32.31 - 33.30 | 0.52 | - | 0.52 | - |
| 1-1906009-1 | 10.850 - 11.150 | 35.59 - 36.58 | 0.52 | - | 0.52 | - |
| 1-1906009-2 | 11.850 - 12.150 | 38.87 - 39.86 | 0.52 | - | 0.52 | - |
| 1-1906009-3 | 12.850 - 13.150 | 42.15 - 43.14 | 0.52 | - | 0.52 | - |
| 1-1906009-4 | 13.850 - 14.150 | 45.43 - 46.42 | 0.52 | - | 0.52 | - |
| 1-1906009-5 | 14.850 - 15.150 | 48.72 - 49.70 | 0.52 | - | 0.52 | - |
| 1-1906009-6 | 15.840 - 16.160 | 51.96 - 53.01 | 0.52 | - | 0.52 | - |
| 1-1906009-7 | 16.830 - 17.170 | 55.21 - 56.33 | 0.53 | - | 0.53 | - |
| 1-1906009-8 | 17.820 - 18.180 | 58.46 - 59.64 | 0.53 | - | 0.53 | - |
| 1-1906009-9 | 18.810 - 19.190 | 61.71 - 62.95 | 0.53 | - | 0.53 | - |
| 2-1906009-0 | 19.800 - 20.200 | 64.96 - 66.27 | 0.53 | - | 0.53 | - |
| 2-1906009-1 | 20.790 - 21.210 | 68.20 - 69.58 | 0.53 | - | 0.53 | - |
| 2-1906009-2 | 21.780 - 22.220 | 71.45 - 72.90 | 0.53 | - | 0.53 | - |
| 2-1906009-3 | 22.770 - 23.230 | 74.70 - 76.21 | 0.53 | - | 0.53 | - |
| 2-1906009-4 | 23.760 - 24.240 | 77.95 - 79.52 | 0.54 | - | 0.54 | - |
| 2-1906009-5 | 24.750 - 25.250 | 81.20 - 82.84 | 0.54 | - | 0.54 | - |
| 2-1906009-6 | 25.740 - 26.260 | 84.44 - 86.15 | 0.54 | - | 0.54 | - |
| 2-1906009-7 | 26.730 - 27.270 | 87.69 - 89.46 | 0.54 | - | 0.54 | - |
| 2-1906009-8 | 27.720 - 28.280 | 90.94 - 92.78 | 0.54 | - | 0.54 | - |
| 2-1906009-9 | 28.710 - 29.290 | 94.19 - 96.09 | 0.54 | - | 0.54 | - |
| 3-1906009-0 | 29.700 - 30.300 | 97.44 - 99.40 | 0.55 | - | 0.55 | - |
| 3-1906009-1 | 30.690 - 31.310 | 100.68 - 102.72 | 0.55 | - | 0.55 | - |
| 3-1906009-2 | 31.680 - 32.320 | 103.93 - 106.03 | 0.55 | - | 0.55 | - |
| 3-1906009-3 | 32.670 - 33.330 | 107.18 - 109.35 | 0.55 | - | 0.55 | - |
| 3-1906009-4 | 33.660 - 34.340 | 110.43 - 112.66 | 0.55 | - | 0.55 | - |
| 3-1906009-5 | 34.650 - 35.350 | 113.68 - 115.97 | 0.55 | - | 0.55 | - |
| 3-1906009-6 | 35.640 - 36.360 | 116.92 - 119.29 | 0.55 | - | 0.55 | - |
| 3-1906009-7 | 36.630 - 37.370 | 120.17 - 122.60 | 0.56 | - | 0.56 | - |
| 3-1906009-8 | 37.620 - 38.380 | 123.42 - 125.91 | 0.56 | - | 0.56 | - |
| 3-1906009-9 | 38.610 - 39.390 | 126.67 - 129.23 | 0.56 | - | 0.56 | - |
| 4-1906009-0 | 39.600 - 40.400 | 129.92 - 132.54 | 0.56 | - | 0.56 | - |
| 4-1906009-1 | 40.590 - 41.410 | 133.16 - 135.85 | 0.56 | - | 0.56 | - |
| 4-1906009-2 | 41.580 - 42.420 | 136.41 - 139.17 | 0.56 | - | 0.56 | - |

USED ON

| Qty | U of M | Description | Item No. |
|---|---|---|---|
| 2 | piece | Trace Label | 13 |
| 2 | piece | Eyelet/Shrink tube assembly - White | 12 |
| AR | meter | 2 fiber, 50/125, 2.0mm, Twinzip, Orange, OFNR (Riser) | 11 |
| 2 | piece | PVC Build-up tubing | 10 |
| 2 | piece | 2.5mm ferrule cover | 9 |
| 2 | piece | ST Connector, Ceramic, Polymer Nut | 8 |
| 2 | piece | ST Short Boot - 1.6 to 2.0mm, Beige | 7 |
| 2 | piece | Crimp Eyelet | 6 |
| 0.0139 | sheet | Leg Label - "B" | 5 |
| 0.0139 | sheet | Leg Label - "A" | 4 |
| 2 | piece | LC Connector Assy, 1.6mm-2.0mm, MM | 3 |
| 1 | piece | LC Duplex clip, black | 2 |
| 2 | piece | LC, SC, FC Straight Boot, Beige | 1 |

| P | LTR | REVISION RECORD | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | Rev Per EC# RELEASE | 5/15/2007 | - | DF |

DIMENSIONS: meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -

Restricted To:

DWN: Cable Assy Configurator
CHK: Dave Fennell
APVD: Dave Fennell
MATERIAL: -
HEAT TREAT: -
AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608
NAME: FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, LC-Duplex Secure to ST
SCALE: NTS
SIZE: A2
DRAWING NO: C- 1906009
SHEET: 2 of 4
REV: A

LOC CE
DIST 16

CAC Customer Layout Rev: D

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DWG NO
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| Part # | L (meters) | L (feet) | LC-Duplex Secure, Brown | | ST | |
|---|---|---|---|---|---|---|
| | | | IL (dB) | RL (dB) | IL (dB) | RL (dB) |
| 4-1906009-3 | 42.570 - 43.430 | 139.66 - 142.48 | 0.56 | - | 0.56 | - |
| 4-1906009-4 | 43.560 - 44.440 | 142.91 - 145.80 | 0.57 | - | 0.57 | - |
| 4-1906009-5 | 44.550 - 45.450 | 146.16 - 149.11 | 0.57 | - | 0.57 | - |
| 4-1906009-6 | 45.540 - 46.460 | 149.40 - 152.42 | 0.57 | - | 0.57 | - |
| 4-1906009-7 | 46.530 - 47.470 | 152.65 - 155.74 | 0.57 | - | 0.57 | - |
| 4-1906009-8 | 47.520 - 48.480 | 155.90 - 159.05 | 0.57 | - | 0.57 | - |
| 4-1906009-9 | 48.510 - 49.490 | 159.15 - 162.36 | 0.57 | - | 0.57 | - |
| 5-1906009-0 | 49.500 - 50.500 | 162.40 - 165.68 | 0.58 | - | 0.58 | - |
| 5-1906009-1 | 50.490 - 51.510 | 165.64 - 168.99 | 0.58 | - | 0.58 | - |
| 5-1906009-2 | 51.480 - 52.520 | 168.89 - 172.30 | 0.58 | - | 0.58 | - |
| 5-1906009-3 | 52.470 - 53.530 | 172.14 - 175.62 | 0.58 | - | 0.58 | - |
| 5-1906009-4 | 53.460 - 54.540 | 175.39 - 178.93 | 0.58 | - | 0.58 | - |
| 5-1906009-5 | 54.450 - 55.550 | 178.64 - 182.25 | 0.58 | - | 0.58 | - |
| 5-1906009-6 | 55.440 - 56.560 | 181.88 - 185.56 | 0.58 | - | 0.58 | - |
| 5-1906009-7 | 56.430 - 57.570 | 185.13 - 188.87 | 0.59 | - | 0.59 | - |
| 5-1906009-8 | 57.420 - 58.580 | 188.38 - 192.19 | 0.59 | - | 0.59 | - |
| 5-1906009-9 | 58.410 - 59.590 | 191.63 - 195.50 | 0.59 | - | 0.59 | - |
| 6-1906009-0 | 59.400 - 60.600 | 194.88 - 198.81 | 0.59 | - | 0.59 | - |
| 6-1906009-1 | 60.390 - 61.610 | 198.12 - 202.13 | 0.59 | - | 0.59 | - |
| 6-1906009-2 | 61.380 - 62.620 | 201.37 - 205.44 | 0.59 | - | 0.59 | - |
| 6-1906009-3 | 62.370 - 63.630 | 204.62 - 208.75 | 0.59 | - | 0.59 | - |
| 6-1906009-4 | 63.360 - 64.640 | 207.87 - 212.07 | 0.6 | - | 0.6 | - |
| 6-1906009-5 | 64.350 - 65.650 | 211.12 - 215.38 | 0.6 | - | 0.6 | - |
| 6-1906009-6 | 65.340 - 66.660 | 214.37 - 218.70 | 0.6 | - | 0.6 | - |
| 6-1906009-7 | 66.330 - 67.670 | 217.61 - 222.01 | 0.6 | - | 0.6 | - |
| 6-1906009-8 | 67.320 - 68.680 | 220.86 - 225.32 | 0.6 | - | 0.6 | - |
| 6-1906009-9 | 68.310 - 69.690 | 224.11 - 228.64 | 0.6 | - | 0.6 | - |
| 7-1906009-0 | 69.300 - 70.700 | 227.36 - 231.95 | 0.61 | - | 0.61 | - |
| 7-1906009-1 | 70.290 - 71.710 | 230.61 - 235.26 | 0.61 | - | 0.61 | - |
| 7-1906009-2 | 71.280 - 72.720 | 233.85 - 238.58 | 0.61 | - | 0.61 | - |
| 7-1906009-3 | 72.270 - 73.730 | 237.10 - 241.89 | 0.61 | - | 0.61 | - |
| 7-1906009-4 | 73.260 - 74.740 | 240.35 - 245.20 | 0.61 | - | 0.61 | - |
| 7-1906009-5 | 74.250 - 75.750 | 243.60 - 248.52 | 0.61 | - | 0.61 | - |
| 7-1906009-6 | 75.240 - 76.760 | 246.85 - 251.83 | 0.61 | - | 0.61 | - |
| 7-1906009-7 | 76.230 - 77.770 | 250.09 - 255.15 | 0.62 | - | 0.62 | - |
| 7-1906009-8 | 77.220 - 78.780 | 253.34 - 258.46 | 0.62 | - | 0.62 | - |
| 7-1906009-9 | 78.210 - 79.790 | 256.59 - 261.77 | 0.62 | - | 0.62 | - |
| 8-1906009-0 | 79.200 - 80.800 | 259.84 - 265.09 | 0.62 | - | 0.62 | - |

USED ON

DWG NO

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LOC CE

DIST 16

CAC Customer Layout Rev: D

| P | LTR | REVISION RECORD | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | Rev Per EC# RELEASE | 5/15/2007 | - | DF |

DIMENSIONS: meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -

Restricted To:

DWN Cable Assy Configurator
CHK Dave Fennell
APVD Dave Fennell
NAME FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, LC-Duplex Secure to ST

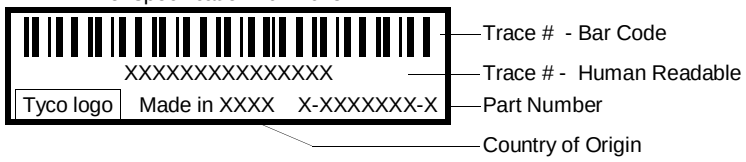
MATERIAL -
HEAT TREAT -

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

SCALE NTS | SIZE A2 | DRAWING NO C- 1906009 | SHEET 3 of 4 | REV A

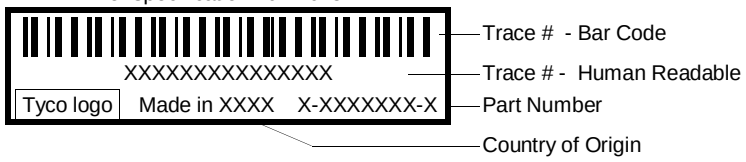
USED ON

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




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

**Label 2** Per specification 107-1645-1

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

| P | LTR | REVISION RECORD | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | Rev Per EC# RELEASE | 5/15/2007 | - | DF |

DIMENSIONS: meters

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0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -

Restricted To:

| | | | |
|---|---|---|---|
| DWN Cable Assy Configurator | | MATERIAL - | HEAT TREAT - |
| CHK Dave Fennell | | AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608 | |
| APVD Dave Fennell | | | |
| NAME FO C/A - 2 fiber, 50/125, OFNR (Riser) jacket, LC-Duplex Secure to ST | | | |
| SCALE NTS | SIZE A2 | DRAWING NO C- 1906009 | SHEET 4 of 4 | REV A |

CAC Customer Layout Rev: D

# Mouser Electronics

Authorized Distributor

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TE Connectivity:

1906009-1