

THIS DRAWING IS A CONTROLLED DOCUMENT
REV 015061

Left Side
Connector(s): LC-Duplex Secure
Mode: SM
Housing Color: Yellow
Geom. Spec: N/A

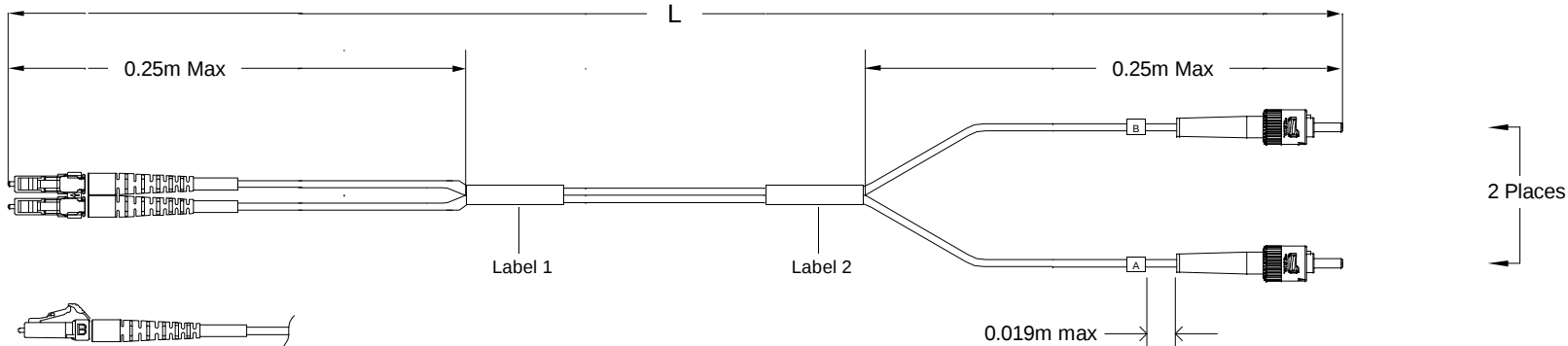
Fiber Path

A -  B
B -  A

Right Side
Connector(s): ST
Mode: SM
Housing Color: N/A
Geom. Spec: N/A

Notes:

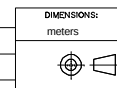
- 1 IL and RL tested at 1310nm.
- 2 Product and Processing must meet requirements of Tyco Electronics Standard 230-702
- 3 Label 2 will not be present on any cable assembly less than 5 meters long.
- 4 Includes dust caps (not shown on print).



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LOC
CE
DIST
16

	A	Rev Per EC#	RELEASE	5/14/2009	-	JB			
P	LTR	REVISION RECORD		DATE	DN	APVD			



DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
meters	
Ø	0 P.L.C. ± .
□	1 P.L.C. ± .
□	2 P.L.C. ± .
□	3 P.L.C. ± .
□	4 P.L.C. ± .

DIN Cable Assy Configurator		MATERIAL -	HEAT TREAT -	
CHK James Barry	AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
APVD James Barry				
NAME FO C/A - 2 fiber, SM, OFNR (Riser) jacket, LC-Duplex Secure to ST				
SCALE NTS	SIZE A2	DRAWING NO C- 1905101	SHEET 1 of 3	REV A

8 7 6 5 4 3 2 1

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CAC Customer Layout Rev: D

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86-40

LOC
CE
DIST
16

Part #	L (meters)	L (feet)	LC-Duplex Secure, Yellow		ST	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
0-1905101-1	0.950 - 1.050	3.11 - 3.44	0.35	45	0.5	50
0-1905101-2	1.950 - 2.050	6.39 - 6.72	0.35	45	0.5	50
0-1905101-3	2.950 - 3.050	9.67 - 10.00	0.35	45	0.5	50
0-1905101-4	3.920 - 4.080	12.86 - 13.38	0.35	45	0.5	50
0-1905101-5	4.920 - 5.080	16.14 - 16.66	0.35	45	0.5	50
0-1905101-6	5.920 - 6.080	19.42 - 19.94	0.35	45	0.5	50
0-1905101-7	6.920 - 7.080	22.70 - 23.22	0.35	45	0.5	50
0-1905101-8	7.920 - 8.080	25.98 - 26.50	0.36	45	0.51	50
0-1905101-9	8.850 - 9.150	29.03 - 30.01	0.36	45	0.51	50
1-1905101-0	9.850 - 10.150	32.31 - 33.30	0.36	45	0.51	50
1-1905101-1	10.850 - 11.150	35.59 - 36.58	0.36	45	0.51	50
1-1905101-2	11.850 - 12.150	38.87 - 39.86	0.36	45	0.51	50
1-1905101-3	12.850 - 13.150	42.15 - 43.14	0.36	45	0.51	50
1-1905101-4	13.850 - 14.150	45.43 - 46.42	0.36	45	0.51	50
1-1905101-5	14.850 - 15.150	48.72 - 49.70	0.36	45	0.51	50
1-1905101-6	15.840 - 16.160	51.96 - 53.01	0.36	45	0.51	50
1-1905101-7	16.830 - 17.170	55.21 - 56.33	0.36	45	0.51	50
1-1905101-8	17.820 - 18.180	58.46 - 59.64	0.36	45	0.51	50
1-1905101-9	18.810 - 19.190	61.71 - 62.95	0.36	45	0.51	50
2-1905101-0	19.800 - 20.200	64.96 - 66.27	0.36	45	0.51	50
2-1905101-1	20.790 - 21.210	68.20 - 69.58	0.36	45	0.51	50
2-1905101-2	21.780 - 22.220	71.45 - 72.90	0.37	45	0.52	50
2-1905101-3	22.770 - 23.230	74.70 - 76.21	0.37	45	0.52	50
2-1905101-4	23.760 - 24.240	77.95 - 79.52	0.37	45	0.52	50
2-1905101-5	24.750 - 25.250	81.20 - 82.84	0.37	45	0.52	50
2-1905101-6	25.740 - 26.260	84.44 - 86.15	0.37	45	0.52	50
2-1905101-7	26.730 - 27.270	87.69 - 89.46	0.37	45	0.52	50
2-1905101-8	27.720 - 28.280	90.94 - 92.78	0.37	45	0.52	50
2-1905101-9	28.710 - 29.290	94.19 - 96.09	0.37	45	0.52	50
3-1905101-0	29.700 - 30.300	97.44 - 99.40	0.37	45	0.52	50
3-1905101-1	30.690 - 31.310	100.68 - 102.72	0.37	45	0.52	50
3-1905101-2	31.680 - 32.320	103.93 - 106.03	0.37	45	0.52	50
3-1905101-3	32.670 - 33.330	107.18 - 109.35	0.37	45	0.52	50
3-1905101-4	33.660 - 34.340	110.43 - 112.66	0.37	45	0.52	50
3-1905101-5	34.650 - 35.350	113.68 - 115.97	0.37	45	0.52	50
3-1905101-6	35.640 - 36.360	116.92 - 119.29	0.38	45	0.53	50
3-1905101-7	36.630 - 37.370	120.17 - 122.60	0.38	45	0.53	50
3-1905101-8	37.620 - 38.380	123.42 - 125.91	0.38	45	0.53	50
3-1905101-9	38.610 - 39.390	126.67 - 129.23	0.38	45	0.53	50
4-1905101-0	39.600 - 40.400	129.92 - 132.54	0.38	45	0.53	50
5-1905101-0	49.500 - 50.500	162.40 - 165.68	0.39	45	0.54	50

Qty	U of M	Description	Item No.
2	piece	Trace Label	12
2	piece	Eyelet/Shrink tube assembly - Yellow	11
AR	meter	2 fiber, SM, 2.0mm, Twinzip, Yellow, OFNR (Riser)	10
2	piece	CONN ASSY,2.5MM BAY,SM, 126 UM	9
2	piece	PVC Build-up tubing	8
2	piece	ST Short Boot - 1.6 to 2.0mm, Blue	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, SM	3
1	piece	LC Duplex clip, black	2
2	piece	LC, SC, FC Straight Boot, Blue	1

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	-
OK	James Barry	AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
APVD	James Barry				
NAME: FO C/A - 2 fiber, SM, OFNR (Riser) jacket, LC-Duplex Secure to ST					
SCALE	NTS	SIZE	A2	DRAWING NO	C- 1905101
				SHEET	2 of 3
				REV	A

8 7 6 5 4 3 2 1

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REV NO

LOC
CE
DIST
16

CAC Customer Layout Rev: D

8

7

6

5

4

3

2

1

Label 1

Per specification 107-1645-1



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



Trace # - Bar Code
Trace # - Human Readable
Part Number
Country of Origin

This label is used on all lengths on this drawing.

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.	± .

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NAME FO C/A - 2 fiber, SM, OFNR (Riser) jacket, LC-Duplex Secure to ST				
SCALE	SIZE	DRAWING NO	SHEET	REV
NTS	A2	C- 1905101	3 of 3	A