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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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## Contact us

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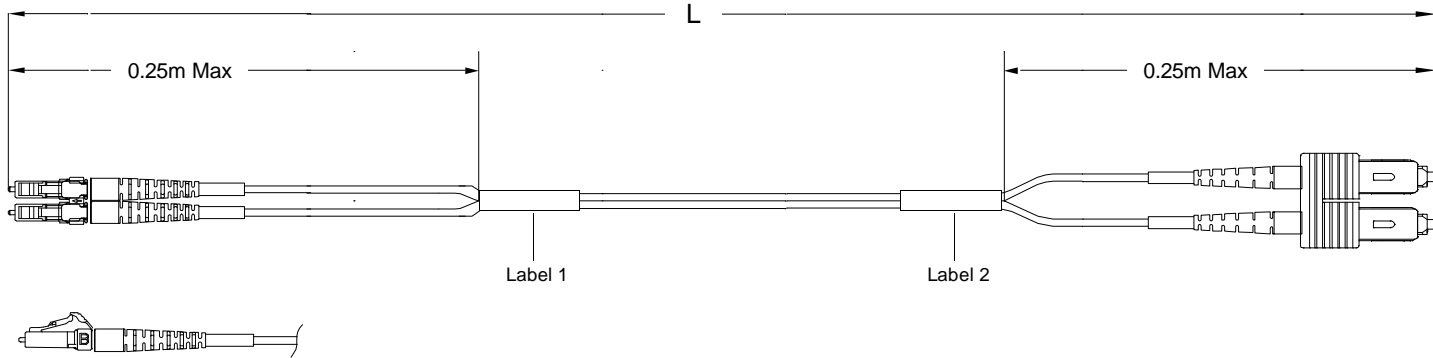
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Restricted to: General Release

USED ON

THIS DRAWING IS A CONTROLLED DOCUMENT 005061



**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): SC-Duplex  
 Mode: SM  
 Housing Color: Blue  
 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 and RL tested at 1310nm.
- 4 Label 2 will not be present on any cable assembly less than 5 meters long.

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LOC  
 CE  
 DIST  
 16

	A	Rev Per EC#	None	11/9/2006	-	DF	
P	LTR	REVISION RECORD		DATE	DIN	APVD	

DIMENSIONS: meters	TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± .	1 PLC ± .
2 PLC ± .	3 PLC ± .
4 PLC ± .	

DIN	Cable Assy Configurator	MATERIAL	HEAT TREAT
CHK	Dave Fennell		
APVD	Dave Fennell	<b>AMP</b> Tyco Electronics, Inc. Harrisburg, PA 17105-3608	
NAME	FO C/A - 2 fiber, SM, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex		
SCALE	SIZE	DRAWING NO	SHEET
NTS	A2	C- 1905091	1 of 4
			REV
			A

Customer Print

Restricted to: General Release

USED ON

THIS DRAWING IS A CONTROLLED DOCUMENT.

Part #	L (meters)	L (feet)	LC-Duplex Secure, Yellow		SC-Duplex, Blue	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
0-1905091-1	0.950 - 1.050	3.11 - 3.44	0.5	45	0.5	55
0-1905091-2	1.950 - 2.050	6.39 - 6.72	0.5	45	0.5	55
0-1905091-3	2.950 - 3.050	9.67 - 10.00	0.5	45	0.5	55
0-1905091-4	3.920 - 4.080	12.86 - 13.38	0.51	45	0.51	55
0-1905091-5	4.920 - 5.080	16.14 - 16.66	0.51	45	0.51	55
0-1905091-6	5.920 - 6.080	19.42 - 19.94	0.51	45	0.51	55
0-1905091-7	6.920 - 7.080	22.70 - 23.22	0.51	45	0.51	55
0-1905091-8	7.920 - 8.080	25.98 - 26.50	0.51	45	0.51	55
0-1905091-9	8.850 - 9.150	29.03 - 30.01	0.51	45	0.51	55
1-1905091-0	9.850 - 10.150	32.31 - 33.30	0.52	45	0.52	55
1-1905091-1	10.850 - 11.150	35.59 - 36.58	0.52	45	0.52	55
1-1905091-2	11.850 - 12.150	38.87 - 39.86	0.52	45	0.52	55
1-1905091-3	12.850 - 13.150	42.15 - 43.14	0.52	45	0.52	55
1-1905091-4	13.850 - 14.150	45.43 - 46.42	0.52	45	0.52	55
1-1905091-5	14.850 - 15.150	48.72 - 49.70	0.52	45	0.52	55
1-1905091-6	15.840 - 16.160	51.96 - 53.01	0.52	45	0.52	55
1-1905091-7	16.830 - 17.170	55.21 - 56.33	0.53	45	0.53	55
1-1905091-8	17.820 - 18.180	58.46 - 59.64	0.53	45	0.53	55
1-1905091-9	18.810 - 19.190	61.71 - 62.95	0.53	45	0.53	55
2-1905091-0	19.800 - 20.200	64.96 - 66.27	0.53	45	0.53	55
2-1905091-1	20.790 - 21.210	68.20 - 69.58	0.53	45	0.53	55
2-1905091-2	21.780 - 22.220	71.45 - 72.90	0.53	45	0.53	55
2-1905091-3	22.770 - 23.230	74.70 - 76.21	0.53	45	0.53	55
2-1905091-4	23.760 - 24.240	77.95 - 79.52	0.54	45	0.54	55
2-1905091-5	24.750 - 25.250	81.20 - 82.84	0.54	45	0.54	55
2-1905091-6	25.740 - 26.260	84.44 - 86.15	0.54	45	0.54	55
2-1905091-7	26.730 - 27.270	87.69 - 89.46	0.54	45	0.54	55
2-1905091-8	27.720 - 28.280	90.94 - 92.78	0.54	45	0.54	55
2-1905091-9	28.710 - 29.290	94.19 - 96.09	0.54	45	0.54	55
3-1905091-0	29.700 - 30.300	97.44 - 99.40	0.55	45	0.55	55
3-1905091-1	30.690 - 31.310	100.68 - 102.72	0.55	45	0.55	55
3-1905091-2	31.680 - 32.320	103.93 - 106.03	0.55	45	0.55	55
3-1905091-3	32.670 - 33.330	107.18 - 109.35	0.55	45	0.55	55
3-1905091-4	33.660 - 34.340	110.43 - 112.66	0.55	45	0.55	55
3-1905091-5	34.650 - 35.350	113.68 - 115.97	0.55	45	0.55	55
3-1905091-6	35.640 - 36.360	116.92 - 119.29	0.55	45	0.55	55
3-1905091-7	36.630 - 37.370	120.17 - 122.60	0.56	45	0.56	55
3-1905091-8	37.620 - 38.380	123.42 - 125.91	0.56	45	0.56	55
3-1905091-9	38.610 - 39.390	126.67 - 129.23	0.56	45	0.56	55
4-1905091-0	39.600 - 40.400	129.92 - 132.54	0.56	45	0.56	55
4-1905091-1	40.590 - 41.410	133.16 - 135.85	0.56	45	0.56	55
4-1905091-2	41.580 - 42.420	136.41 - 139.17	0.56	45	0.56	55

Qty	U of M	Description	Item No.
2	piece	Trace Label	10
2	piece	CONN ASSY, SM, SC 1.6MM/125.5UM	9
4	piece	Eyelet/Shrink tube assembly - Yellow	8
2	piece	SC Duplex Clip	7
AR	meter	2 fiber, SM, 2.0mm, Twinzip, Yellow, OFNR (Riser)	6
2	piece	2.5mm ferrule cover	5
2	piece	SC Simplex Housing, Blue	4
2	piece	LC Connector Assy, 1.6mm-2.0mm, SM	3
1	piece	LC Duplex clip, black	2
4	piece	LC, SC, FC Straight Boot, Blue	1

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LOC  
CE  
DIST  
16

A	Rev Per	EC#	None	11/9/2006	-	DF			
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. ± .	



Customer Print

DIN	Cable Assy Configurator	MATERIAL		HEAT TREAT	
CHK	Dave Fennell				
APVD	Dave Fennell				
NAME	FO C/A - 2 fiber, SM, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex				
SCALE	NTS	SIZE	A2	DRAWING NO	C- 1905091
SHEET	2 of 4	REV	A		

CAC Customer Layout Rev: D

8

7

6

5

4

3

2

1

A B C D

Restricted to: General Release

USED ON

Part #	L (meters)	L (feet)	LC-Duplex Secure, Yellow		SC-Duplex, Blue	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
4-1905091-3	42.570 - 43.430	139.66 - 142.48	0.56	45	0.56	55
4-1905091-4	43.560 - 44.440	142.91 - 145.80	0.57	45	0.57	55
4-1905091-5	44.550 - 45.450	146.16 - 149.11	0.57	45	0.57	55
4-1905091-6	45.540 - 46.460	149.40 - 152.42	0.57	45	0.57	55
4-1905091-7	46.530 - 47.470	152.65 - 155.74	0.57	45	0.57	55
4-1905091-8	47.520 - 48.480	155.90 - 159.05	0.57	45	0.57	55
4-1905091-9	48.510 - 49.490	159.15 - 162.36	0.57	45	0.57	55
5-1905091-0	49.500 - 50.500	162.40 - 165.68	0.58	45	0.58	55
5-1905091-1	50.490 - 51.510	165.64 - 168.99	0.58	45	0.58	55
5-1905091-2	51.480 - 52.520	168.89 - 172.30	0.58	45	0.58	55
5-1905091-3	52.470 - 53.530	172.14 - 175.62	0.58	45	0.58	55
5-1905091-4	53.460 - 54.540	175.39 - 178.93	0.58	45	0.58	55
5-1905091-5	54.450 - 55.550	178.64 - 182.25	0.58	45	0.58	55
5-1905091-6	55.440 - 56.560	181.88 - 185.56	0.58	45	0.58	55
5-1905091-7	56.430 - 57.570	185.13 - 188.87	0.59	45	0.59	55
5-1905091-8	57.420 - 58.580	188.38 - 192.19	0.59	45	0.59	55
5-1905091-9	58.410 - 59.590	191.63 - 195.50	0.59	45	0.59	55
6-1905091-0	59.400 - 60.600	194.88 - 198.81	0.59	45	0.59	55
6-1905091-1	60.390 - 61.610	198.12 - 202.13	0.59	45	0.59	55
6-1905091-2	61.380 - 62.620	201.37 - 205.44	0.59	45	0.59	55
6-1905091-3	62.370 - 63.630	204.62 - 208.75	0.59	45	0.59	55
6-1905091-4	63.360 - 64.640	207.87 - 212.07	0.6	45	0.6	55
6-1905091-5	64.350 - 65.650	211.12 - 215.38	0.6	45	0.6	55
6-1905091-6	65.340 - 66.660	214.37 - 218.70	0.6	45	0.6	55
6-1905091-7	66.330 - 67.670	217.61 - 222.01	0.6	45	0.6	55
6-1905091-8	67.320 - 68.680	220.86 - 225.32	0.6	45	0.6	55
6-1905091-9	68.310 - 69.690	224.11 - 228.64	0.6	45	0.6	55
7-1905091-0	69.300 - 70.700	227.36 - 231.95	0.61	45	0.61	55
7-1905091-1	70.290 - 71.710	230.61 - 235.26	0.61	45	0.61	55
7-1905091-2	71.280 - 72.720	233.85 - 238.58	0.61	45	0.61	55
7-1905091-3	72.270 - 73.730	237.10 - 241.89	0.61	45	0.61	55
7-1905091-4	73.260 - 74.740	240.35 - 245.20	0.61	45	0.61	55
7-1905091-5	74.250 - 75.750	243.60 - 248.52	0.61	45	0.61	55
7-1905091-6	75.240 - 76.760	246.85 - 251.83	0.61	45	0.61	55
7-1905091-7	76.230 - 77.770	250.09 - 255.15	0.62	45	0.62	55
7-1905091-8	77.220 - 78.780	253.34 - 258.46	0.62	45	0.62	55
7-1905091-9	78.210 - 79.790	256.59 - 261.77	0.62	45	0.62	55
8-1905091-0	79.200 - 80.800	259.84 - 265.09	0.62	45	0.62	55

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
LOC  
CE  
DIST  
16

A	Rev Per EC#	None	11/9/2006	-	DF		
P	LTR	REVISION RECORD	DATE	DIN	APVD		


DIMENSIONS: meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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



Customer Print

DIN	Cable Assy Configurator	MATERIAL	-	HEAT TREAT	-
CHK	Dave Fennell				
APVD	Dave Fennell				
NAME	FO C/A - 2 fiber, SM, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex				
SCALE	NTS	SIZE	A2	DRAWING NO	C- 1905091
SHEET	3 of 4	REV	A		

D  
C  
B  
A

Restricted to: General Release

USED ON

**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.

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LOC  
 CE  
 DIST  
 16

A	Rev Per	EC#	None	11/9/2006	-	DF	
P	LTR	REVISION RECORD		DATE	DIN	APVD	

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
meters	
0 PLC	± .
1 PLC	± .
2 PLC	± .
3 PLC	± .
4 PLC	± .

Customer Print

DIN	Cable Assy Configurator	MATERIAL	HEAT TREAT
OK	Dave Fennell		
APVD	Dave Fennell	<b>AMP</b> Tyco Electronics, Inc. Harrisburg, PA 17105-3608	
NAME	FO C/A - 2 fiber, SM, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex		
SCALE	SIZE	DRAWING NO	SHEET
NTS	A2	C- 1905091	4 of 4
			REV
			A

D

C

B

A