

Diagram illustrating the structure of a 2-core optical cable. The cable is shown with two cores, labeled "Label 1" and "Label 2". The distance between the two cores is marked as "0.25m Max". The total length of the cable is indicated by "L". A detailed view of the cable end shows the two cores and the connector housing.

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

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

Connector(s): SC-Duplex
Mode: MM
Housing Color: Beige
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.

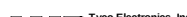
	A	Rev Per EC#	RELEASE	4/21/2009	-
P	LTR	REVISION RECORD		DATE	DMN

DIMENSIONS:
meters



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

Restricted To:

QW1 Cable Assy Configurator		MATERIAL -		HEAT TREAT -	
QW2 James Barry					
APVD James Barry					
NAME FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex					
SCALE NTS	SIZE A2	DRAWING NO C- 1906078	SHEET 1 of 4	REV A	

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DAG NO

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LOC
CE
DIST
16

CAC Customer Layout Rev: D

Part #	L (meters)	L (feet)	LC-Duplex Secure, Aqua		SC-Duplex, Beige	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
0-1906078-1	0.950 - 1.050	3.11 - 3.44	0.5	-	0.5	-
0-1906078-2	1.950 - 2.050	6.39 - 6.72	0.5	-	0.5	-
0-1906078-3	2.950 - 3.050	9.67 - 10.00	0.5	-	0.5	-
0-1906078-4	3.920 - 4.080	12.86 - 13.38	0.51	-	0.51	-
0-1906078-5	4.920 - 5.080	16.14 - 16.66	0.51	-	0.51	-
0-1906078-6	5.920 - 6.080	19.42 - 19.94	0.51	-	0.51	-
0-1906078-7	6.920 - 7.080	22.70 - 23.22	0.51	-	0.51	-
0-1906078-8	7.920 - 8.080	25.98 - 26.50	0.51	-	0.51	-
0-1906078-9	8.850 - 9.150	29.03 - 30.01	0.51	-	0.51	-
1-1906078-0	9.850 - 10.150	32.31 - 33.30	0.52	-	0.52	-
1-1906078-1	10.850 - 11.150	35.59 - 36.58	0.52	-	0.52	-
1-1906078-2	11.850 - 12.150	38.87 - 39.86	0.52	-	0.52	-
1-1906078-3	12.850 - 13.150	42.15 - 43.14	0.52	-	0.52	-
1-1906078-4	13.850 - 14.150	45.43 - 46.42	0.52	-	0.52	-
1-1906078-5	14.850 - 15.150	48.72 - 49.70	0.52	-	0.52	-
1-1906078-6	15.840 - 16.160	51.96 - 53.01	0.52	-	0.52	-
1-1906078-7	16.830 - 17.170	55.21 - 56.33	0.53	-	0.53	-
1-1906078-8	17.820 - 18.180	58.46 - 59.64	0.53	-	0.53	-
1-1906078-9	18.810 - 19.190	61.71 - 62.95	0.53	-	0.53	-
2-1906078-0	19.800 - 20.200	64.96 - 66.27	0.53	-	0.53	-
2-1906078-1	20.790 - 21.210	68.20 - 69.58	0.53	-	0.53	-
2-1906078-2	21.780 - 22.220	71.45 - 72.90	0.53	-	0.53	-
2-1906078-3	22.770 - 23.230	74.70 - 76.21	0.53	-	0.53	-
2-1906078-4	23.760 - 24.240	77.95 - 79.52	0.54	-	0.54	-
2-1906078-5	24.750 - 25.250	81.20 - 82.84	0.54	-	0.54	-
2-1906078-6	25.740 - 26.260	84.44 - 86.15	0.54	-	0.54	-
2-1906078-7	26.730 - 27.270	87.69 - 89.46	0.54	-	0.54	-
2-1906078-8	27.720 - 28.280	90.94 - 92.78	0.54	-	0.54	-
2-1906078-9	28.710 - 29.290	94.19 - 96.09	0.54	-	0.54	-
3-1906078-0	29.700 - 30.300	97.44 - 99.40	0.55	-	0.55	-
3-1906078-1	30.690 - 31.310	100.68 - 102.72	0.55	-	0.55	-
3-1906078-2	31.680 - 32.320	103.93 - 106.03	0.55	-	0.55	-
3-1906078-3	32.670 - 33.330	107.18 - 109.35	0.55	-	0.55	-
3-1906078-4	33.660 - 34.340	110.43 - 112.66	0.55	-	0.55	-
3-1906078-5	34.650 - 35.350	113.68 - 115.97	0.55	-	0.55	-
3-1906078-6	35.640 - 36.360	116.92 - 119.29	0.55	-	0.55	-
3-1906078-7	36.630 - 37.370	120.17 - 122.60	0.56	-	0.56	-
3-1906078-8	37.620 - 38.380	123.42 - 125.91	0.56	-	0.56	-
3-1906078-9	38.610 - 39.390	126.67 - 129.23	0.56	-	0.56	-
4-1906078-0	39.600 - 40.400	129.92 - 132.54	0.56	-	0.56	-
4-1906078-1	40.590 - 41.410	133.16 - 135.85	0.56	-	0.56	-
4-1906078-2	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, XG-50/125, 2.0mm, Twinzip, Aqua, 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

[illegible]

DIMENSIONS; meters		TOLERANCES UNLESS OTHERWISE SPECIFIED	
	0 PLC	±	-
	1 PLC	±	-
	2 PLC	±	-
	3 PLC	±	-
	4 PLC	±	-

Restricted To:

QFN Cable Assy Configurator		MATERIAL -		HEAT TREAT -	
OK James Barry		 Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
APD James Barry					
NAME FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex Security to SC-Duplex					
SCALE NTS		SIZE A2		DRAWING NO C- 1906078	
				SHEET 2 of 4	
				REV A	

D

C

B

A

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CAC Customer Layout Rev: D

LOC

CE

DIST

Part #	L (meters)	L (feet)	LC-Duplex Secure, Aqua		SC-Duplex, Beige	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
4-1906078-3	42.570 - 43.430	139.66 - 142.48	0.56	-	0.56	-
4-1906078-4	43.560 - 44.440	142.91 - 145.80	0.57	-	0.57	-
4-1906078-5	44.550 - 45.450	146.16 - 149.11	0.57	-	0.57	-
4-1906078-6	45.540 - 46.460	149.40 - 152.42	0.57	-	0.57	-
4-1906078-7	46.530 - 47.470	152.65 - 155.74	0.57	-	0.57	-
4-1906078-8	47.520 - 48.480	155.90 - 159.05	0.57	-	0.57	-
4-1906078-9	48.510 - 49.490	159.15 - 162.36	0.57	-	0.57	-
5-1906078-0	49.500 - 50.500	162.40 - 165.68	0.58	-	0.58	-
5-1906078-1	50.490 - 51.510	165.64 - 168.99	0.58	-	0.58	-
5-1906078-2	51.480 - 52.520	168.89 - 172.30	0.58	-	0.58	-
5-1906078-3	52.470 - 53.530	172.14 - 175.62	0.58	-	0.58	-
5-1906078-4	53.460 - 54.540	175.39 - 178.93	0.58	-	0.58	-
5-1906078-5	54.450 - 55.550	178.64 - 182.25	0.58	-	0.58	-
5-1906078-6	55.440 - 56.560	181.88 - 185.56	0.58	-	0.58	-
5-1906078-7	56.430 - 57.570	185.13 - 188.87	0.59	-	0.59	-
5-1906078-8	57.420 - 58.580	188.38 - 192.19	0.59	-	0.59	-
5-1906078-9	58.410 - 59.590	191.63 - 195.50	0.59	-	0.59	-
6-1906078-0	59.400 - 60.600	194.88 - 198.81	0.59	-	0.59	-
6-1906078-1	60.390 - 61.610	198.12 - 202.13	0.59	-	0.59	-
6-1906078-2	61.380 - 62.620	201.37 - 205.44	0.59	-	0.59	-
6-1906078-3	62.370 - 63.630	204.62 - 208.75	0.59	-	0.59	-
6-1906078-4	63.360 - 64.640	207.87 - 212.07	0.6	-	0.6	-
6-1906078-5	64.350 - 65.650	211.12 - 215.38	0.6	-	0.6	-
6-1906078-6	65.340 - 66.660	214.37 - 218.70	0.6	-	0.6	-
6-1906078-7	66.330 - 67.670	217.61 - 222.01	0.6	-	0.6	-
6-1906078-8	67.320 - 68.680	220.86 - 225.32	0.6	-	0.6	-
6-1906078-9	68.310 - 69.690	224.11 - 228.64	0.6	-	0.6	-
7-1906078-0	69.300 - 70.700	227.36 - 231.95	0.61	-	0.61	-
7-1906078-1	70.290 - 71.710	230.61 - 235.26	0.61	-	0.61	-
7-1906078-2	71.280 - 72.720	233.85 - 238.58	0.61	-	0.61	-
7-1906078-3	72.270 - 73.730	237.10 - 241.89	0.61	-	0.61	-
7-1906078-4	73.260 - 74.740	240.35 - 245.20	0.61	-	0.61	-
7-1906078-5	74.250 - 75.750	243.60 - 248.52	0.61	-	0.61	-
7-1906078-6	75.240 - 76.760	246.85 - 251.83	0.61	-	0.61	-
7-1906078-7	76.230 - 77.770	250.09 - 255.15	0.62	-	0.62	-
7-1906078-8	77.220 - 78.780	253.34 - 258.46	0.62	-	0.62	-
7-1906078-9	78.210 - 79.790	256.59 - 261.77	0.62	-	0.62	-
8-1906078-0	79.200 - 80.800	259.84 - 265.09	0.62	-	0.62	-

	A	Rev Per EC#	RELEASE	4/21/2009	- JF
P	LTR	REVISION RECORD		DATE	DIN AP

DIMENSIONS; meters		
		0
		1
		2
		3
		4

Restricted To:

QFN: Cable Assy Configurator CHK: James Barry APVD: James Barry		MATERIAL: - HEAT TREAT: -  Tyco Electronics, Inc. Harrisburg, PA 17105-3608	
NAME: FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex		SCALE: NTS	
SIZE: A2		DRAWING NO: C- 1906078	
SHEET: 3 of 4		REV: A	

D

C

B

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LOC
CE
DIST
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CAC Customer Layout Rev: D

8 7 6 5 4 3 2 1

	A	Rev Per EC#	RELEASE	4/21/2009	-	JB	
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. ± .

Restricted To:

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, XG - 50/125, OFNR (Riser) jacket, LC-Duplex Secure to SC-Duplex				
SCALE NTS	SIZE A2	DRAWING NO C- 1906078	SHEET 4 of 4	REV A

Label 1

Per specification 107-1645-1

Trace # - Bar Code

XXXXXXXXXXXXXXXXXX

Trace # - Human Readable

Logo

Made in XXXX

X-XXXXXXXX-X

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

XXXXXXXXXXXXXXXXXX

Trace # - Human Readable

Logo

Made in XXXX

X-XXXXXXXX-X

Part Number

Country of Origin

This label is used on all lengths on this drawing.

D
C
B
A