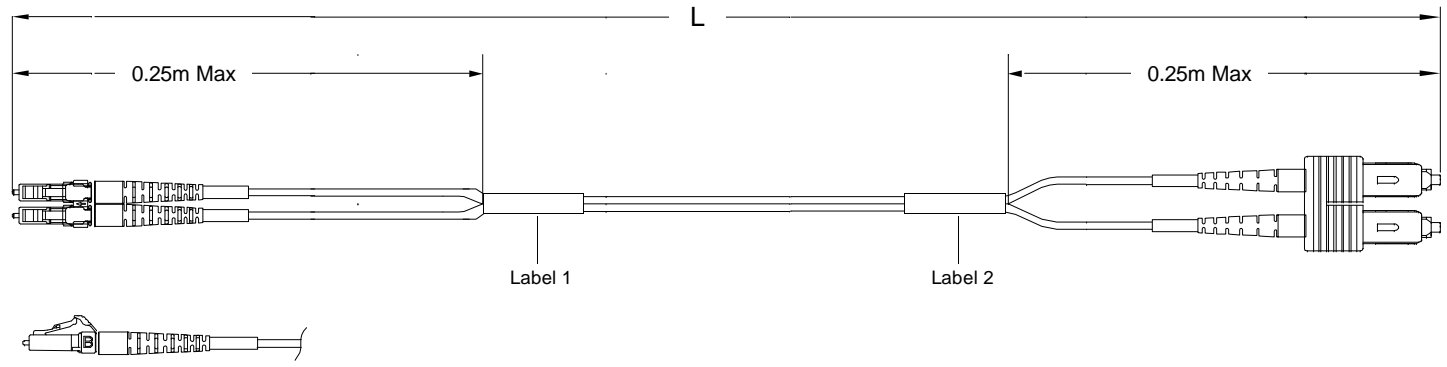


THIS DRAWING IS A CONTROLLED DOCUMENT  
REV: US 8-6828318

USED ON



**Left Side**  
 Connector(s): LC-Duplex  
 Mode: MM  
 Housing Color: Beige  
 Geom. Spec: N/A

**Fiber Path**  
 A - \_\_\_\_\_ - B  
 B - \_\_\_\_\_ - A

**Right Side**  
 Connector(s): SC-Duplex  
 Mode: MM  
 Housing Color: Beige  
 Geom. Spec: N/A

- Notes:
- 1 IL tested at 1300nm.
  - 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).
  - 5 One trace label used on 8-6828318-3, trace label centered on cable assembly

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LOC	
CE	
DIST	
16	

B1	Rev Per	EC#	MINOR REVISION	2/6/2007	-	JD
P	LTR	REVISION	RECORDED	DATE	DN	APVD

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
meters	
⊕	0 PLC ± .
⊖	1 PLC ± .
⊗	2 PLC ± .
⊙	3 PLC ± .
⊘	4 PLC ± .

Restricted To:

DIN	Cable Assy Configurator	MATERIAL		HEAT TREAT	
CHK	Jeremy Duncan	Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
APVD	Jeremy Duncan				
NAME	FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex to SC-Duplex				
SCALE	NTS	SIZE	A2	DRAWING NO	C- 6828318
SHEET	1 of 3	REV	B1		

Part #	L (meters)	L (feet)	LC-Duplex, Beige		SC-Duplex, Beige	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
0-6828318-1	0.950 - 1.050	3.11 - 3.44	0.5	-	0.5	-
0-6828318-2	1.950 - 2.050	6.39 - 6.72	0.5	-	0.5	-
0-6828318-3	2.950 - 3.050	9.67 - 10.00	0.5	-	0.5	-
0-6828318-4	3.920 - 4.080	12.86 - 13.38	0.51	-	0.51	-
0-6828318-5	4.920 - 5.080	16.14 - 16.66	0.51	-	0.51	-
0-6828318-6	5.920 - 6.080	19.42 - 19.94	0.51	-	0.51	-
0-6828318-7	6.920 - 7.080	22.70 - 23.22	0.51	-	0.51	-
0-6828318-8	7.920 - 8.080	25.98 - 26.50	0.51	-	0.51	-
0-6828318-9	8.850 - 9.150	29.03 - 30.01	0.51	-	0.51	-
1-6828318-0	9.850 - 10.150	32.31 - 33.30	0.52	-	0.52	-
1-6828318-1	10.850 - 11.150	35.59 - 36.58	0.52	-	0.52	-
1-6828318-2	11.850 - 12.150	38.87 - 39.86	0.52	-	0.52	-
1-6828318-3	12.850 - 13.150	42.15 - 43.14	0.52	-	0.52	-
1-6828318-4	13.850 - 14.150	45.43 - 46.42	0.52	-	0.52	-
1-6828318-5	14.850 - 15.150	48.72 - 49.70	0.52	-	0.52	-
1-6828318-6	15.840 - 16.160	51.96 - 53.01	0.52	-	0.52	-
1-6828318-7	16.830 - 17.170	55.21 - 56.33	0.53	-	0.53	-
1-6828318-8	17.820 - 18.180	58.46 - 59.64	0.53	-	0.53	-
1-6828318-9	18.810 - 19.190	61.71 - 62.95	0.53	-	0.53	-
2-6828318-0	19.800 - 20.200	64.96 - 66.27	0.53	-	0.53	-
2-6828318-1	20.790 - 21.210	68.20 - 69.58	0.53	-	0.53	-
2-6828318-2	21.780 - 22.220	71.45 - 72.90	0.53	-	0.53	-
2-6828318-3	22.770 - 23.230	74.70 - 76.21	0.53	-	0.53	-
2-6828318-4	23.760 - 24.240	77.95 - 79.52	0.54	-	0.54	-
2-6828318-5	24.750 - 25.250	81.20 - 82.84	0.54	-	0.54	-
2-6828318-6	25.740 - 26.260	84.44 - 86.15	0.54	-	0.54	-
2-6828318-7	26.730 - 27.270	87.69 - 89.46	0.54	-	0.54	-
2-6828318-8	27.720 - 28.280	90.94 - 92.78	0.54	-	0.54	-
2-6828318-9	28.710 - 29.290	94.19 - 96.09	0.54	-	0.54	-
3-6828318-0	29.700 - 30.300	97.44 - 99.40	0.55	-	0.55	-
3-6828318-1	30.690 - 31.310	100.68 - 102.72	0.55	-	0.55	-
3-6828318-2	31.680 - 32.320	103.93 - 106.03	0.55	-	0.55	-
3-6828318-3	32.670 - 33.330	107.18 - 109.35	0.55	-	0.55	-
3-6828318-4	33.660 - 34.340	110.43 - 112.66	0.55	-	0.55	-
3-6828318-5	34.650 - 35.350	113.68 - 115.97	0.55	-	0.55	-
3-6828318-6	35.640 - 36.360	116.92 - 119.29	0.55	-	0.55	-
3-6828318-7	36.630 - 37.370	120.17 - 122.60	0.56	-	0.56	-
3-6828318-8	37.620 - 38.380	123.42 - 125.91	0.56	-	0.56	-
3-6828318-9	38.610 - 39.390	126.67 - 129.23	0.56	-	0.56	-
4-6828318-0	39.600 - 40.400	129.92 - 132.54	0.56	-	0.56	-
5-6828318-0	49.500 - 50.500	162.40 - 165.68	0.58	-	0.58	-
8-6828318-0	4.790 - 4.950	15.71 - 16.24	0.51	-	0.51	-

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, MM	3
1	piece	LC Duplex clip, black	2
4	piece	LC, SC, FC Straight Boot, Beige	1

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LOC CE  
 DIST 16

REV	DATE	BY	CHKD	DESCRIPTION
B1	2/6/2007	JD		Rev Per EC# MINOR REVISION
P		APVD		REVISION RECORD

DIMENSIONS: meters  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 9 P.L.C. ± .1  
 1 P.L.C. ± .05  
 2 P.L.C. ± .025  
 3 P.L.C. ± .015  
 4 P.L.C. ± .01

Restricted To:

DWN Cable Assy Configurator OK APVD Jeremy Duncan		MATERIAL	HEAT TREAT
		Tyco Electronics, Inc. Harrisburg, PA 17105-3608	
NAME FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex to SC-Duplex			
SCALE NTS	SIZE A2	DRAWING NO C- 6828318	SHEET 2 of 3
			REV B1

8
7
6
5
4
3
2
1

Part #	L (meters)	L (feet)	LC-Duplex, Beige		SC-Duplex, Beige	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
8-6828318-1	7.440 - 7.600	24.40 - 24.93	0.51	-	0.51	-
8-6828318-2	15.088 - 15.392	49.50 - 50.50	0.52	-	0.52	-
8-6828318-3	0.270 - 0.330	0.88 - 1.08	0.5	-	0.5	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

**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

Rev	Per	EC#	MINOR REVISION	DATE	DIN	APVD
B1				2/6/2007	-	JD
P	LTR		REVISION RECORD			

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

Restricted To:

DIN	Cable Assy Configurator	MATERIAL	HEAT TREAT
CHK	Jeremy Duncan		
APVD	Jeremy Duncan	<b>AMP</b> Tyco Electronics, Inc. Harrisburg, PA 17105-3608	
NAME	FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, LC-Duplex to SC-Duplex		
SCALE	SIZE	DRAWING NO	SHEET
NTS	A2	C- 6828318	3 of 3
			REV B1

D  
C  
B  
A