

Left Side
 Connector(s): SC-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 Label 2 will not be present on any cable assembly less than 5 meters long.
- 2 Includes dust caps (not shown on print).
- 3 OM3 assemblies tested at 850nm, all other multimode tested at 1300nm

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LOC
 CE
 DIST
 16

C2	Rev Per EC#	RELEASE	5/12/2011	-	DK
P	LTR	REVISION RECORD	DATE	DIN	APVD

Restricted To: **√**

DIMENSIONS: millimeters

TOLERANCES UNLESS OTHERWISE SPECIFIED:

Ø	PLC	± .
1	PLC	± .
2	PLC	± .
3	PLC	± .
4	PLC	± .
	PLC	± .

DIN	Cable Assy Configurator	MATERIAL	-	HEAT TREAT	-
CHK	Doug Kirsch	Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
APVD	Doug Kirsch				
NAME	FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, SC-Duplex to SC-Duplex				
SCALE	NTS	SIZE	A2	DRAWING NO	C-6828151
SHEET	1 of 3	REV	C2		

THIS DRAWING IS A CONTROLLED DOCUMENT.

Part #	L (meters)	L (feet)	SC-Duplex, Beige		SC-Duplex, Beige	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
0-6828151-1	0.950 - 1.050	3.11 - 3.44	0.5	-	0.5	-
0-6828151-2	1.950 - 2.050	6.39 - 6.72	0.5	-	0.5	-
0-6828151-3	2.950 - 3.050	9.67 - 10.00	0.5	-	0.5	-
0-6828151-4	3.920 - 4.080	12.86 - 13.38	0.51	-	0.51	-
0-6828151-5	4.920 - 5.080	16.14 - 16.66	0.51	-	0.51	-
0-6828151-6	5.920 - 6.080	19.42 - 19.94	0.51	-	0.51	-
0-6828151-7	6.920 - 7.080	22.70 - 23.22	0.51	-	0.51	-
0-6828151-8	7.920 - 8.080	25.98 - 26.50	0.51	-	0.51	-
0-6828151-9	8.850 - 9.150	29.03 - 30.01	0.51	-	0.51	-
1-6828151-0	9.850 - 10.150	32.31 - 33.30	0.52	-	0.52	-
1-6828151-1	10.850 - 11.150	35.59 - 36.58	0.52	-	0.52	-
1-6828151-2	11.850 - 12.150	38.87 - 39.86	0.52	-	0.52	-
1-6828151-3	12.850 - 13.150	42.15 - 43.14	0.52	-	0.52	-
1-6828151-4	13.850 - 14.150	45.43 - 46.42	0.52	-	0.52	-
1-6828151-5	14.850 - 15.150	48.72 - 49.70	0.52	-	0.52	-
1-6828151-6	15.840 - 16.160	51.96 - 53.01	0.52	-	0.52	-
1-6828151-7	16.830 - 17.170	55.21 - 56.33	0.53	-	0.53	-
1-6828151-8	17.820 - 18.180	58.46 - 59.64	0.53	-	0.53	-
1-6828151-9	18.810 - 19.190	61.71 - 62.95	0.53	-	0.53	-
2-6828151-0	19.800 - 20.200	64.96 - 66.27	0.53	-	0.53	-
2-6828151-1	20.790 - 21.210	68.20 - 69.58	0.53	-	0.53	-
2-6828151-2	21.780 - 22.220	71.45 - 72.90	0.53	-	0.53	-
2-6828151-3	22.770 - 23.230	74.70 - 76.21	0.53	-	0.53	-
2-6828151-4	23.760 - 24.240	77.95 - 79.52	0.54	-	0.54	-
2-6828151-5	24.750 - 25.250	81.20 - 82.84	0.54	-	0.54	-
2-6828151-6	25.740 - 26.260	84.44 - 86.15	0.54	-	0.54	-
2-6828151-7	26.730 - 27.270	87.69 - 89.46	0.54	-	0.54	-
2-6828151-8	27.720 - 28.280	90.94 - 92.78	0.54	-	0.54	-
2-6828151-9	28.710 - 29.290	94.19 - 96.09	0.54	-	0.54	-
3-6828151-0	29.700 - 30.300	97.44 - 99.40	0.55	-	0.55	-
3-6828151-1	30.690 - 31.310	100.68 - 102.72	0.55	-	0.55	-
3-6828151-2	31.680 - 32.320	103.93 - 106.03	0.55	-	0.55	-
3-6828151-3	32.670 - 33.330	107.18 - 109.35	0.55	-	0.55	-
3-6828151-4	33.660 - 34.340	110.43 - 112.66	0.55	-	0.55	-
3-6828151-5	34.650 - 35.350	113.68 - 115.97	0.55	-	0.55	-
3-6828151-6	35.640 - 36.360	116.92 - 119.29	0.55	-	0.55	-
3-6828151-7	36.630 - 37.370	120.17 - 122.60	0.56	-	0.56	-
3-6828151-8	37.620 - 38.380	123.42 - 125.91	0.56	-	0.56	-
3-6828151-9	38.610 - 39.390	126.67 - 129.23	0.56	-	0.56	-
4-6828151-0	39.600 - 40.400	129.92 - 132.54	0.56	-	0.56	-
4-6828151-1	74.250 - 75.750	243.60 - 248.52	0.61	-	0.61	-
4-6828151-5	44.550 - 45.450	146.16 - 149.11	0.57	-	0.57	-

Qty	U of M	Description	Item No.
2	piece	Trace Label	8
4	piece	CONN SUBASSY, MM, SC 1.6MM	7
4	piece	Eyelet/Shrink tube assembly - White	6
4	piece	SC Duplex Clip	5
AR	meter	2 Fiber, XG-50/125, 2.0mm, Twinzip, Aqua, OFNR (Riser)	4
4	piece	2.5mm ferrule cover	3
4	piece	SC Simplex Housing, Beige	2
4	piece	LC, SC, FC Straight Boot, Beige	1

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LOC
CE
DIST
16

C2	Rev	Per	EC#	RELEASE	DATE	DIN	DK	APVD
P	LTR			REVISION RECORD				

DIMENSIONS: meters

RESTRICTED TO:

DIN	Cable Assy Configurator	MATERIAL	-	HEAT TREAT	-
CHK	Doug Kirsch	Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
APVD	Doug Kirsch				
NAME	FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, SC-Duplex to SC-Duplex				
SCALE	NTS	SIZE	A2	DRAWING NO	C-6828151
SHEET	2 of 3	REV	C2		

A B C D

Part #	L (meters)	L (feet)	SC-Duplex, Beige		SC-Duplex, Beige	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
4-6828151-6	45.540 - 46.460	149.40 - 152.42	0.57	-	0.57	-
5-6828151-0	49.500 - 50.500	162.40 - 165.68	0.58	-	0.58	-
5-6828151-5	54.450 - 55.550	178.64 - 182.25	0.58	-	0.58	-
6-6828151-0	59.400 - 60.600	194.88 - 198.81	0.59	-	0.59	-
6-6828151-1	60.390 - 61.610	198.12 - 202.13	0.59	-	0.59	-
7-6828151-0	69.300 - 70.700	227.36 - 231.95	0.61	-	0.61	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

Label 1

Per specification 107-1645-1

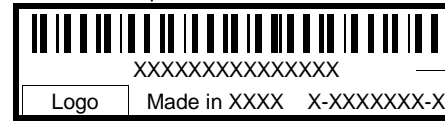


Trace # - Bar Code
 Trace # - Human Readable
 Part Number
 Country of Origin

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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C2	Rev	Per	EC#	RELEASE	DATE	DIN	DK	APVD
P	LTR			REVISION RECORD				

DIMENSIONS: meters

RESTRICTED TO:

TOLEANCES UNLESS OTHERWISE SPECIFIED:

0 P/LC	±
1 P/LC	±
2 P/LC	±
3 P/LC	±
4 P/LC	±

DIN	Cable Assy Configurator	MATERIAL	-	HEAT TREAT	-
CHK	Doug Kirsch	Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
APVD	Doug Kirsch				
NAME	FO C/A - 2 fiber, XG - 50/125, OFNR (Riser) jacket, SC-Duplex to SC-Duplex				
SCALE	NTS	SIZE	A2	DRAWING NO	C- 6828151
SHEET	3 of 3			REV	C2