

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS, INC. AND ITS SUBSIDIARIES. IT MAY NOT BE DISCLOSED TO ANY OTHER PERSON OR ENTITY WITHOUT THE WRITTEN AUTHORIZATION OF TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA 17105-3608.

LOC
CE
DIST
16

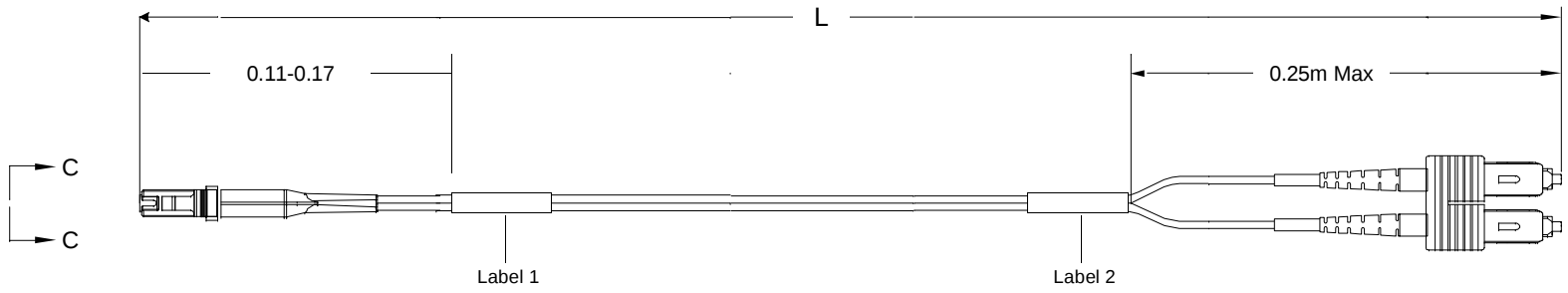
CAC Customer Layout Rev: D

8 7 6 5 4 3 2 1

Restricted to: General Release

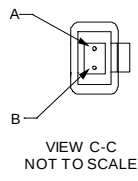
USED ON

THIS DRAWING IS A CONTROLLED DOCUMENT
8628289



Left Side

Connector(s): MT-RJ SECURE (No Pins)
Mode: MM
Housing Color: Orange
Geom. Spec: 115-1215



Fiber Path

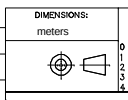
Fiber A - - - - - B
Fiber B - - - - - A

- Notes:
- 1 Product and Processing must meet requirements of Tyco Electronics Standard 230-702
 - 2 Label 2 will not be present on any cable assembly less than 5 meters long.
 - 3 Includes dust caps (not shown on print).
 - 4 IL tested at 1300nm.

Right Side

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

	B	Rev Per EC#	06-021324	9/13/2006	-	MK	
P	LTR	REVISION	RECORD	DATE	DN	APVD	



Customer Print

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
meters	
Ø	9 PLC ± .
□	1 PLC ± .
□	2 PLC ± .
□	3 PLC ± .
□	4 PLC ± .

DNI Cable Assy Configurator		MATERIAL -	HEAT TREAT	
CHK Michael Kepko	AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
APVD Michael Kepko				
NAME FO C/A - 2 fiber, 62.5/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to SC-Duplex				
SCALE NTS	SIZE A2	DRAWING NO C- 6828281	SHEET 1 of 3	REV B

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION. IT IS NOT TO BE DISCLOSED TO ANY OTHER PERSON OR ENTITY WITHOUT THE WRITTEN AUTHORIZATION OF TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA 17105-3608.

LOC
CE
DIST
16

CAC Customer Layout Rev: D

Restricted to: General Release

USED ON

Part #	L (meters)	L (feet)	MT-RJ SECURE (No Pins), Orange		SC-Duplex, Beige	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
0-6828281-1	0.950 - 1.050	3.11 - 3.44	0.5	20	0.5	-
0-6828281-2	1.950 - 2.050	6.39 - 6.72	0.5	20	0.5	-
0-6828281-3	2.950 - 3.050	9.67 - 10.00	0.5	20	0.5	-
0-6828281-4	3.920 - 4.080	12.86 - 13.38	0.51	20	0.51	-
0-6828281-5	4.920 - 5.080	16.14 - 16.66	0.51	20	0.51	-
0-6828281-6	5.920 - 6.080	19.42 - 19.94	0.51	20	0.51	-
0-6828281-7	6.920 - 7.080	22.70 - 23.22	0.51	20	0.51	-
0-6828281-8	7.920 - 8.080	25.98 - 26.50	0.51	20	0.51	-
0-6828281-9	8.850 - 9.150	29.03 - 30.01	0.51	20	0.51	-
1-6828281-0	9.850 - 10.150	32.31 - 33.30	0.52	20	0.52	-
1-6828281-1	10.850 - 11.150	35.59 - 36.58	0.52	20	0.52	-
1-6828281-2	11.850 - 12.150	38.87 - 39.86	0.52	20	0.52	-
1-6828281-3	12.850 - 13.150	42.15 - 43.14	0.52	20	0.52	-
1-6828281-4	13.850 - 14.150	45.43 - 46.42	0.52	20	0.52	-
1-6828281-5	14.850 - 15.150	48.72 - 49.70	0.52	20	0.52	-
1-6828281-6	15.840 - 16.160	51.96 - 53.01	0.52	20	0.52	-
1-6828281-7	16.830 - 17.170	55.21 - 56.33	0.53	20	0.53	-
1-6828281-8	17.820 - 18.180	58.46 - 59.64	0.53	20	0.53	-
1-6828281-9	18.810 - 19.190	61.71 - 62.95	0.53	20	0.53	-
2-6828281-0	19.800 - 20.200	64.96 - 66.27	0.53	20	0.53	-
2-6828281-1	20.790 - 21.210	68.20 - 69.58	0.53	20	0.53	-
2-6828281-2	21.780 - 22.220	71.45 - 72.90	0.53	20	0.53	-
2-6828281-3	22.770 - 23.230	74.70 - 76.21	0.53	20	0.53	-
2-6828281-4	23.760 - 24.240	77.95 - 79.52	0.54	20	0.54	-
2-6828281-5	24.750 - 25.250	81.20 - 82.84	0.54	20	0.54	-
2-6828281-6	25.740 - 26.260	84.44 - 86.15	0.54	20	0.54	-
2-6828281-7	26.730 - 27.270	87.69 - 89.46	0.54	20	0.54	-
2-6828281-8	27.720 - 28.280	90.94 - 92.78	0.54	20	0.54	-
2-6828281-9	28.710 - 29.290	94.19 - 96.09	0.54	20	0.54	-
3-6828281-0	29.700 - 30.300	97.44 - 99.40	0.55	20	0.55	-
3-6828281-1	30.690 - 31.310	100.68 - 102.72	0.55	20	0.55	-
3-6828281-2	31.680 - 32.320	103.93 - 106.03	0.55	20	0.55	-
3-6828281-3	32.670 - 33.330	107.18 - 109.35	0.55	20	0.55	-
3-6828281-4	33.660 - 34.340	110.43 - 112.66	0.55	20	0.55	-
3-6828281-5	34.650 - 35.350	113.68 - 115.97	0.55	20	0.55	-
3-6828281-6	35.640 - 36.360	116.92 - 119.29	0.55	20	0.55	-
3-6828281-7	36.630 - 37.370	120.17 - 122.60	0.56	20	0.56	-
3-6828281-8	37.620 - 38.380	123.42 - 125.91	0.56	20	0.56	-
3-6828281-9	38.610 - 39.390	126.67 - 129.23	0.56	20	0.56	-
4-6828281-0	39.600 - 40.400	129.92 - 132.54	0.56	20	0.56	-
5-6828281-0	49.500 - 50.500	162.40 - 165.68	0.58	20	0.58	-

Qty	U of M	Description	Item No.
1	piece	DUST COVER, MT-RJ	1
1	piece	SPRING, MT-RJ, 3.8 DESIGN	2
1	piece	PIN KEEPER, 3.8MM	3
1	piece	MT-RJ, SPRING PUSH, UNIVERSAL	4
1	piece	CRIMP EYELET, MT-RJ	5
1	piece	MT-RJ Keyed Connector Housing - Orange	6
2	piece	LC, SC, FC Straight Boot, Beige	7
1	piece	MT-RJ FERRULE, THERMOPLAST,MM	8
2	piece	SC Simplex Housing, Beige	9
2	piece	2.5mm ferrule cover	10
AR	meter	2 fiber, 62.5/125, 1.8 mm, Twinzip, Orange, OFNR (Riser)	11
1	piece	MT-RJ TwinZip Bend Limiting Boot, Beige	12
2	piece	SC Duplex Clip	13
2	piece	Eyelet/Shrink tube assembly - White	14
2	piece	CONN SUBASSY, MM, SC 1.6MM	15
2	piece	Trace Label	16

B	Rev Per EC#	06-021324	9/13/2006	-	MK
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. ±	

DWG Cable Assy Configurator		MATERIAL	HEAT TREAT	
CHK	Michael Kepko	AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608		
APVD	Michael Kepko			
NAME FO C/A - 2 fiber, 62.5/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to SC-Duplex				
SCALE	SIZE	DRAWING NO	SHEET	REV
NTS	A2	C- 6828281	2 of 3	B

8 7 6 5 4 3 2 1

Label 1

Per specification 107-1645-1



Trace # - Bar Code

XXXXXXXXXXXXXXXXXX

Trace # - Human Readable

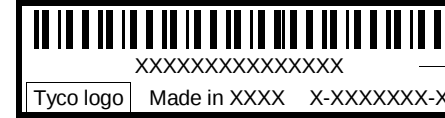
Part Number

Country of Origin

This label is used on all lengths on this drawing.

Label 2

Per specification 107-1645-1



Trace # - Bar Code

XXXXXXXXXXXXXXXXXX

Trace # - Human Readable

Part Number

Country of Origin

This label is used on all lengths on this drawing.

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION. IT MAY NOT BE DISCLOSED TO ANY OTHERS WITHOUT THE WRITTEN AUTHORIZATION OF TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA.

LOC
CE
DIST
16

	B	Rev Per EC#	06-021324	9/13/2006	-	MK	
P	LTR	REVISION RECORD		DATE	DIN	APVD	

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
meters			
Ø	9 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	
OK		Michael Kepko				
APVD		Michael Kepko				
NAME FO C/A - 2 fiber, 62.5/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to SC-Duplex						
SCALE	NTS	SIZE	A2	DRAWING NO	C- 6828281	SHEET
					3 of 3	REV
						B