



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

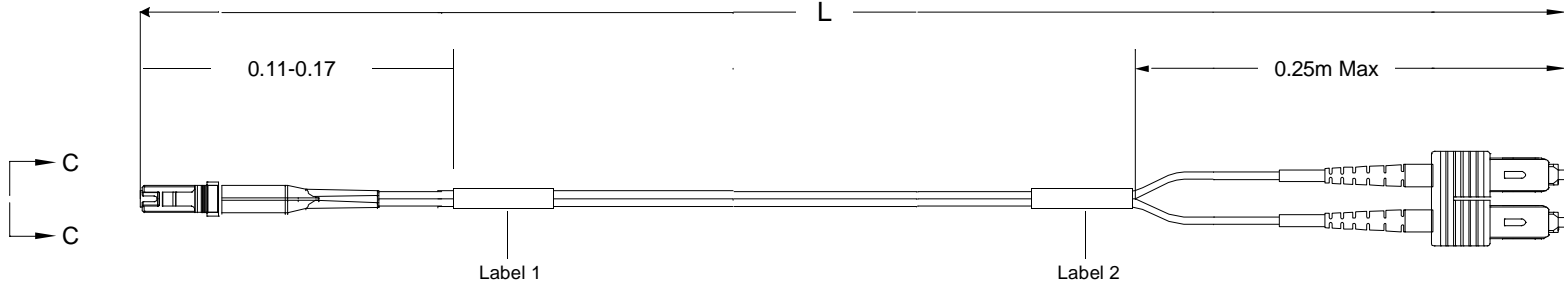
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Restricted to: General Release

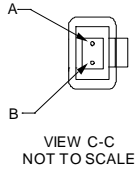
USED ON



THIS DRAWING IS A CONTROLLED DOCUMENT

**Left Side**

Connector(s): MT-RJ SECURE (No Pins)  
 Mode: MM  
 Housing Color: Green  
 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

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LOC  
 CE  
 DIST  
 16

P	LTR	REVISION RECORD	DATE	DIN	APVD
B		Rev Per EC# 06-021324	9/14/2006	-	MK

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

Customer Print

DIN	MATERIAL	HEAT TREAT
Cable Assy Configurator	-	-
APVD	Tyco Electronics, Inc. Harrisburg, PA 17105-3608	
NAME	FO C/A - 2 fiber, 62.5/125, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to SC-Duplex	
SCALE	SIZE	DRAWING NO
NTS	A2	C- 6278896
SHEET	1 of 3	REV B

8 7 6 5 4 3 2 1

Restricted to: General Release

USED ON

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Part #	L (meters)	L (feet)	MT-RJ SECURE (No Pins), Green		SC-Duplex, Beige	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
0-6278896-1	0.950 - 1.050	3.11 - 3.44	0.5	20	0.5	-
0-6278896-2	1.950 - 2.050	6.39 - 6.72	0.5	20	0.5	-
0-6278896-3	2.950 - 3.050	9.67 - 10.00	0.5	20	0.5	-
0-6278896-4	3.920 - 4.080	12.86 - 13.38	0.51	20	0.51	-
0-6278896-5	4.920 - 5.080	16.14 - 16.66	0.51	20	0.51	-
0-6278896-6	5.920 - 6.080	19.42 - 19.94	0.51	20	0.51	-
0-6278896-7	6.920 - 7.080	22.70 - 23.22	0.51	20	0.51	-
0-6278896-8	7.920 - 8.080	25.98 - 26.50	0.51	20	0.51	-
0-6278896-9	8.850 - 9.150	29.03 - 30.01	0.51	20	0.51	-
1-6278896-0	9.850 - 10.150	32.31 - 33.30	0.52	20	0.52	-
1-6278896-1	10.850 - 11.150	35.59 - 36.58	0.52	20	0.52	-
1-6278896-2	11.850 - 12.150	38.87 - 39.86	0.52	20	0.52	-
1-6278896-3	12.850 - 13.150	42.15 - 43.14	0.52	20	0.52	-
1-6278896-4	13.850 - 14.150	45.43 - 46.42	0.52	20	0.52	-
1-6278896-5	14.850 - 15.150	48.72 - 49.70	0.52	20	0.52	-
1-6278896-6	15.840 - 16.160	51.96 - 53.01	0.52	20	0.52	-
1-6278896-7	16.830 - 17.170	55.21 - 56.33	0.53	20	0.53	-
1-6278896-8	17.820 - 18.180	58.46 - 59.64	0.53	20	0.53	-
1-6278896-9	18.810 - 19.190	61.71 - 62.95	0.53	20	0.53	-
2-6278896-0	19.800 - 20.200	64.96 - 66.27	0.53	20	0.53	-
2-6278896-1	20.790 - 21.210	68.20 - 69.58	0.53	20	0.53	-
2-6278896-2	21.780 - 22.220	71.45 - 72.90	0.53	20	0.53	-
2-6278896-3	22.770 - 23.230	74.70 - 76.21	0.53	20	0.53	-
2-6278896-4	23.760 - 24.240	77.95 - 79.52	0.54	20	0.54	-
2-6278896-5	24.750 - 25.250	81.20 - 82.84	0.54	20	0.54	-
2-6278896-6	25.740 - 26.260	84.44 - 86.15	0.54	20	0.54	-
2-6278896-7	26.730 - 27.270	87.69 - 89.46	0.54	20	0.54	-
2-6278896-8	27.720 - 28.280	90.94 - 92.78	0.54	20	0.54	-
2-6278896-9	28.710 - 29.290	94.19 - 96.09	0.54	20	0.54	-
3-6278896-0	29.700 - 30.300	97.44 - 99.40	0.55	20	0.55	-
3-6278896-1	30.690 - 31.310	100.68 - 102.72	0.55	20	0.55	-
3-6278896-2	31.680 - 32.320	103.93 - 106.03	0.55	20	0.55	-
3-6278896-3	32.670 - 33.330	107.18 - 109.35	0.55	20	0.55	-
3-6278896-4	33.660 - 34.340	110.43 - 112.66	0.55	20	0.55	-
3-6278896-5	34.650 - 35.350	113.68 - 115.97	0.55	20	0.55	-
3-6278896-6	35.640 - 36.360	116.92 - 119.29	0.55	20	0.55	-
3-6278896-7	36.630 - 37.370	120.17 - 122.60	0.56	20	0.56	-
3-6278896-8	37.620 - 38.380	123.42 - 125.91	0.56	20	0.56	-
3-6278896-9	38.610 - 39.390	126.67 - 129.23	0.56	20	0.56	-
4-6278896-0	39.600 - 40.400	129.92 - 132.54	0.56	20	0.56	-
5-6278896-0	49.500 - 50.500	162.40 - 165.68	0.58	20	0.58	-
9-6278896-0	106.673 - 108.828	349.97 - 357.04	0.66	20	0.66	-

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 - Green	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

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LOC  
CE  
DIST  
16

P	LTR	REV PER	EC#	REVISION	RECORD	DATE	DN	MK	APVD
B		Rev Per	EC#	06-021324		9/14/2006	-	MK	

DIMENSIONS: meters	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 P.L.C. ± .001 1 P.L.C. ± .002 2 P.L.C. ± .003 3 P.L.C. ± .004 4 P.L.C. ± .005
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Customer Print

DIM Cable Assy Configurator DSK Michael Kepko APVD Michael Kepko	MATERIAL -	HEAT TREAT -
Tyco Electronics, Inc. Harrisburg, PA 17105-3608		
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- 6278896
SHEET 2 of 3	REV B	

D  
C  
B  
A

Restricted to: General Release

USED ON

Part #	L (meters)	L (feet)	MT-RJ SECURE (No Pins), Green		SC-Duplex, Beige	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
9-6278896-1	121.909 - 124.371	399.96 - 408.04	0.69	20	0.69	-
9-6278896-2	152.386 - 155.464	499.95 - 510.05	0.73	20	0.73	-

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**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	DATE	BY	CHKD	APPD
B	9/14/2006	MK		
P				

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	-
CHK	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- 6278896
SHEET	3 of 3	REV	B		