

- 1

SEE TABLE 1 FOR CONNECTOR LOSS. CONNECTOR LOSS VALUES INCLUDE CABLE ATTENUATION OF 1.50 dB/km IF MULTIMODE AND 0.70 dB/km IF SINGLEMODE
- 2

PRODUCT AND PROCESSING MUST MEET REQUIREMENTS OF TYCO ELECTRONICS STANDARD 230-702.
- 3

SECOND TRACE LABEL WILL NOT BE PRESENT ON ANY CABLE ASSEMBLY THAT IS LESS THAN 5 METERS IN LENGTH.
- 4

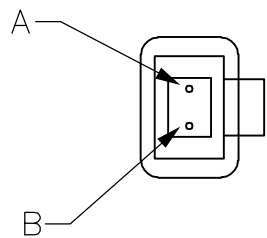
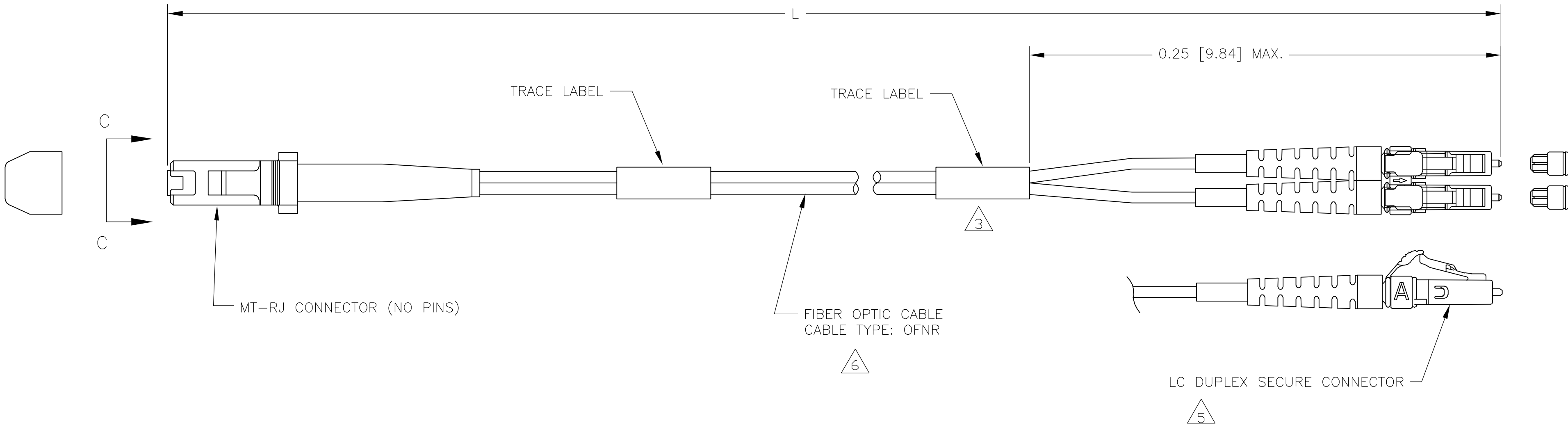
SEE TABLE 1 FOR STANDARD LENGTHS.
- 5

SEE TABLE 2 FOR LC HOUSING COLORS AND TYPES. LC SECURE CONNECTORS WILL ONLY MATE WITH LIKE COLORED ADAPTERS.
- 6

CABLE COLOR WILL BE:
YELLOW IF SINGLEMODE
ORANGE IF 62.5/125 OR 50/125
AQUA IF 50/125 XG
- 7

THIS COLUMN APPLIES IF CABLE ASSEMBLY IS MULTIMODE.
- 8

THIS COLUMN APPLIES IF CABLE ASSEMBLY IS SINGLEMODE.



VIEW C-C
NOT TO SCALE

MT-RJ CONNECTOR	LC CONNECTOR
A	B
B	A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.W.DAVIS 22JUN06	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: METERS [INCHES]		CHK D.FENNELL 22JUN06		
		APVD D.FENNELL 22JUN06	NAME	
		PRODUCT SPEC	CABLE ASSY, FIBER OPTIC, MT-RJ (NO PINS) TO LC DUPLEX (SECURE OR STANDARD OPTIONS)	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
0 PLC ± -		—	A2 00779 C-FOBUDS000003	
1 PLC ± -		—	RESTRICTED TO	
2 PLC ± -		—	—	
3 PLC ± -		—	—	
4 PLC ± -		—	—	
ANGLES ± -		—	—	
FINISH		WEIGHT	—	
—		—	—	
CUSTOMER DRAWING			SCALE 1:1	SHEET 1 OF 2
			REV A	

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
CE	16		—	SEE SHEET 1	—	—	—

TABLE 1

DASH #	MIN LENGTH (FEET)	MAX LENGTH (FEET)	CONNECTOR LOSS (dB)	CONNECTOR LOSS (dB)
1	3.117	3.445	0.50	0.50
2	6.398	6.726	0.50	0.50
3	9.678	10.006	0.50	0.50
4	12.861	13.386	0.51	0.50
5	16.142	16.666	0.51	0.50
6	19.422	19.947	0.51	0.50
7	22.703	23.228	0.51	0.50
8	25.984	26.509	0.51	0.51
9	29.035	30.019	0.51	0.51
10	32.316	33.300	0.52	0.51
11	35.597	36.581	0.52	0.51
12	38.877	39.862	0.52	0.51
13	42.158	43.143	0.52	0.51
14	45.439	46.423	0.52	0.51
15	48.720	49.704	0.52	0.51
16	51.968	53.018	0.52	0.51
17	55.216	56.331	0.53	0.51
18	58.464	59.645	0.53	0.51
19	61.712	62.959	0.53	0.51
20	64.960	66.272	0.53	0.51
21	68.208	69.586	0.53	0.51
22	71.456	72.899	0.53	0.52
23	74.704	76.213	0.53	0.52
24	77.952	79.527	0.54	0.52
25	81.200	82.840	0.54	0.52
26	84.448	86.154	0.54	0.52
27	87.696	89.467	0.54	0.52
28	90.944	92.781	0.54	0.52
29	94.192	96.095	0.55	0.52
30	97.440	99.408	0.55	0.52
31	100.688	102.722	0.55	0.52
32	103.936	106.035	0.55	0.52
33	107.184	109.349	0.55	0.52
34	110.432	112.663	0.55	0.52
35	113.680	115.976	0.55	0.52
36	116.928	119.290	0.55	0.53
37	120.176	122.603	0.56	0.53
38	123.424	125.917	0.56	0.53
39	126.672	129.231	0.56	0.53
40	129.920	132.544	0.56	0.53
50	162.400	165.680	0.58	0.54

TABLE 2

LC HOUSING COLOR	LC HOUSING TYPE
BEIGE	MULTIMODE, NON—SECURE
BLUE	SINGLEMODE, NON—SECURE
RED	SECURE
YELLOW	SECURE
BLUE	SECURE
GREEN	SECURE
ROSE	SECURE
AQUA	SECURE
BROWN	SECURE
VIOLET	SECURE
ORANGE	SECURE
SLATE	SECURE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
METERS [INCHES]

MATERIAL
—

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± —
1 PLC ± —
2 PLC ± —
3 PLC ± —
4 PLC ± —
ANGLES ± —
FINISH —

DWN
J.W.DAVIS
22JUN06

CHK
D.FENNELL
22JUN06

APVD
D.FENNELL
22JUN06

PRODUCT SPEC
—

APPLICATION SPEC
—

WEIGHT
—

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105—3608

NAME
CABLE ASSY, FIBER OPTIC,
MT—RJ (NO PINS) TO LC DUPLEX (SECURE
OR STANDARD OPTIONS)

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=FOBUDS000003

RESTRICTED TO
—

SCALE
1:1

SHEET
2 OF 2

REV
A