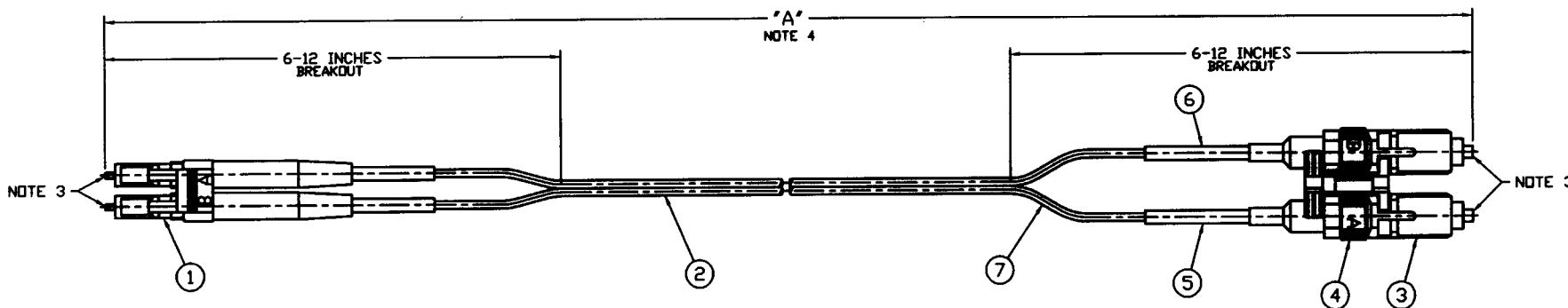




FCI PRODUCT NUMBER	LUCENT COMCODE	LUCENT PRODUCT CODE	"A"	TOLERANCES
60063-004	108072406	ML2LC-SC-04	4 FEET	+0.5/-0.0 FEET
60063-006	108072414	ML2LC-SC-06	6 FEET	
60063-010	108027459	ML2LC-SC-10	10 FEET	
60063-015	108072422	ML2LC-SC-15	15 FEET	
60063-020	108108978	ML2LC-SC-20	20 FEET	+1.0/-0.0 FEET
60063-030	108027467	ML2LC-SC-30	30 FEET	
60063-040	108027475	ML2LC-SC-40	40 FEET	

COMPONENTS			
ITEM	QTY.	P/N	DESCRIPTION
1	1	108138678	LC DUPLEX M/M CONNECTOR KIT
2	"A"	107132706	M/M DUPLEX MINI-CORD, LUCENT
3	2	108917776	SC M/M CONNECTOR
4	1	108917283	SC DUPLEXING CLIP
5	1	847892833	SC CRIMP-SHRINK TUBE ASSEMBLY, YELLOW
6	1	848015822	SC CRIMP-SHRINK TUBE ASSEMBLY, WHITE
7	A/R	84567-001	IDENTIFICATION LABEL (SEE NOTE 7)
	A/R	84723-001	F113 EPOXY



NOTES:

1. THE LC CONNECTORS SHALL MEET THE REQUIREMENTS OF TIA/EIA 568 AND FOCIS 10. THE SC CONNECTORS SHALL MEET THE REQUIREMENTS OF TIA/EIA 568 AND FOCIS 3.
2. CAUTION: THE FIBER POSITIONS WITHIN THE DUPLEX LC CONNECTOR END SHALL BE CONSISTENT WITH THE FIBER POSITIONS IN THE DUPLEX SC CONNECTOR END (i.e. THE FIBER TERMINATED IN THE "A" CONNECTOR ON ONE END OF THE PATCHCORD SHALL BE TERMINATED IN THE "B" CONNECTOR ON THE OTHER END OF THE PATCHCORD.)
3. THESE AREAS TO BE FREE OF CURED EPOXY AFTER POLISHING. THAT IS, THE OUTER CYLINDRICAL SIDEWALLS, THE DOMED END FACE, AND THE CHAMFER.
4. LENGTH IS MEASURED TO THE LONGEST EXTENSION FROM CONNECTOR END TO CONNECTOR END WITHOUT PROTECTIVE CAPS.
5. THE TERMINATED LC AND SC CONNECTORS SHALL BE SHIPPED WITH THE FERRULES PROTECTED BY REMOVABLE PROTECTIVE PLASTIC CAPS.
6. THE MAXIMUM DIFFERENCE IN LENGTH OF THE LC AND SC CONNECTORS IS .50 INCHES.
7. IDENTIFICATION LABEL SHALL BE LOCATED 4-6 INCHES FROM ANY ONE CONNECTOR TIP. CABLES EXCEEDING 10 FEET IN LENGTH REQUIRE A LABEL AT BOTH ENDS.
8. APPROVED EQUIVALENT LABELS MAY BE USED.
9. SEE TELECORDIA GR-326-CORE FIGURE 4-7 FOR RADIUS UNDERCUT RELATIONSHIP.

SPECIFICATIONS		
	SC	LC
INSERTION LOSS @850nm	0.5dB MAX.	
RETURN LOSS @850nm	N/A	20dB MIN.
FERRULE GEOMETRY:		
POLISH RADIUS	10-25mm	7-25mm
FIBER HEIGHT (NOTE 9)	+50/-100nm	+50/-125nm
APEX OFFSET	50um MAX.	
VISUAL INSPECTION	DEFECT FREE @200X MAGNIFICATION	
PACKAGING	LUCENT PL-2004 OR APPROVED EQUIVALENT	

mat'l. code				tolerances unless otherwise specified				INSPECTION COPY		Electronics FCI www.fciconnect.com	
ltr	ecn no	dr	date	NOMINALS ONLY				projection		title	
A	V00039	RSN	2/11/00	UNLESS NOTED						LC-SC DUPLEX M/M ASSEMBLY	
B	V01220	RSN	5/25/00					INCH		product family FIBER OPTICS	
C	V01224	RSN	5/31/00					scale		size dwg no	
				dr	R. NAUGLE	2/10/00				60063	
				enr	N. PETRILLO	2/10/00				code	
				chr	NPP	2/11/00				210	
				appd	N. PETRILLO	2/11/00				sheet	
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