

(K1) FIBER TYPE	CABLE JACKET COLOR	MAX. INSERTION LOSS (db)	MIN. RETURN LOSS (db)	COMMENTS
5MM 50/125	ORANGE	.65	25	
6MM 62.5/125	ORANGE			
SM-ULTRA (UPC)	YELLOW	.40	55	
SM-ANGLED (APC)	YELLOW	.40	65	
5L 50/125 10GIG	AQUA OR ORANGE	.25 (L2)	30	SUPPORT 300M DIST.
L SM 10GIG	YELLOW	.40	55	
(L3) 5V 50/125 10GIG	AQUA	.25	30	SUPPORT 550M DIST.

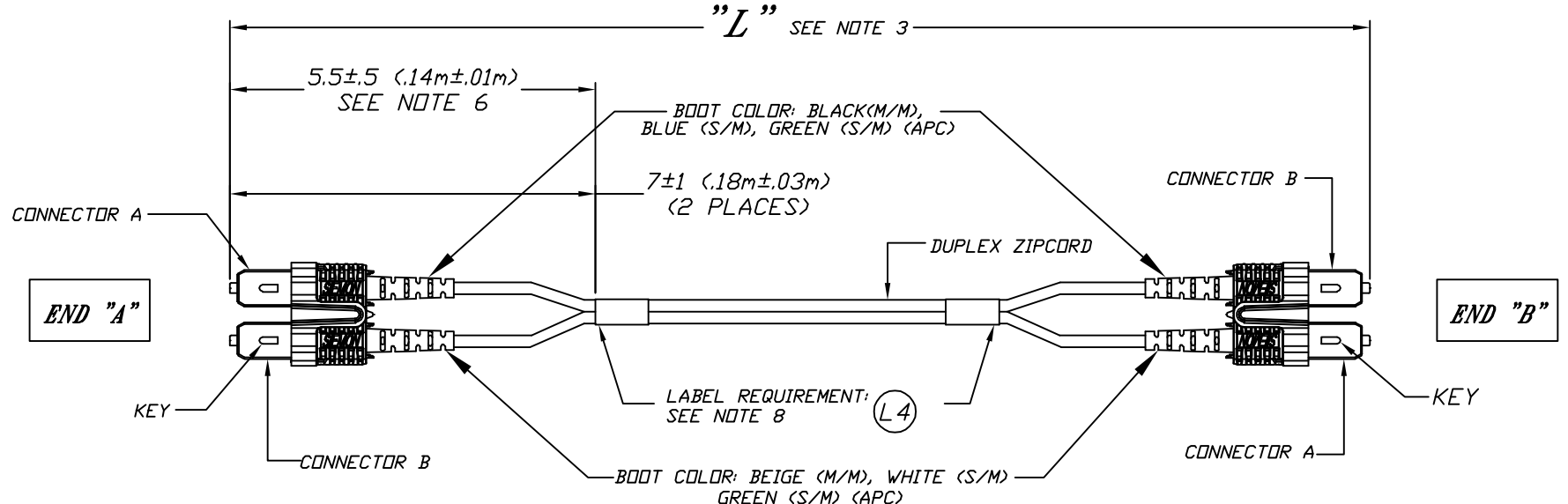
REV.	ECO NO.	REVISIONS	BY	DATE	APVD.
J	751	J1: ADDED NOTE 7	TM	07/27/05	DRH 08/02/05
K	1510	K1: REMOVED "-MM" OPTIONS K2: CHANGED 6MM CABLE JACKET COLOR "GRAY" TO ORANGE K3: ADDED NOTE 8	JF	07/16/07	DG 10/04/07
L	2031	L1: ADDED COMMENTS COLUMN. L2: WAS .50, IS .25 L3: ADDED 5V FIBER. L4: UPDATED LABEL REQUIREMENT. L5: DELETED OLD NOTE 8, ADDED NEW NOTE 8	LIU	11/18/08	GAVIN 11/19/08

SC CONNECTOR HOUSING COLOR
MM = BEIGE
SM (UPC) = BLUE
SM (APC) = GREEN

END FACE GEOMETRY: COMPLIANT FOR LIGHTSYSTEM AND XGLO(10GIG) PRODUCTS.

SPECIFICATION TYPE	MIN.	MAX.
RADIUS OF CURVATURE (uM)	7 FOR MM 10 FOR SM	25
FIBER HEIGHT (uM)	*TCORD	-0.05
APEX OFFSET(OFFSET LINEAR (uM))	0	50

*PER TELCORDIA GR-326-CORE (R4-67)



LEGEND:
UPC - ULTRA PHYSICAL CONTACT
APC - ANGLED PHYSICAL CONTACT
TEST WAVELENGTH:
850nm FOR MM
1310nm FOR SM

FJ2-SC(X)SC(X)(XXX)-(XX)AQ

MODE/PERFORMANCE: BLANK = MM, U = ULTRA SM (UPC), A = ANGLED SM (APC)

(K1) FIBER TYPE: BLANK = SM, 5MM = 50/125 MM, 6MM = 62.5/125 MM, 5L = 50/125 MM (10 GIG), L = SM (10 GIG), (L3) 5V = 50/125 MM (10 GIG)

LENGTH (METERS)

AQ = AQUA JACKET OPTION FOR 50/125, 10 GIG.

- (L5) 8. DDC #1594 COMPLIANT
- (J1) 7. CABLE COLOR COMPLIES WITH TIA-598.
- 6. 1 LABEL FOR JUMPERS LESS THAN 1 METER.
- 5. CONTACT A SIEMON CO. CUSTOMER SERVICE REPRESENTATIVE FOR ADDITIONAL INFORMATION.
- 4. OPTICAL TEST PROCEDURES:
* INSERTION LOSS: IN ACCORDANCE WITH TIA/EIA-455-171; METHOD D1 (MULTIMODE), METHOD D3 (SINGLEMODE),
* RETURN LOSS: IN ACCORDANCE WITH TIA/EIA-455-107, METHOD 1
* TEST WAVELENGTH: 1300 nm (MULTIMODE); 1310 nm (SINGLEMODE)
* LIGHT SOURCE: LED PER TIA/EIA-455-171, PARA. 3.1. FOR RETURN LOSS, LED OR LASER PER TIA/EIA-455-107, PARA. 3.1.
- 3. "L" +8"/-0" (.20m) GREATER THAN OR EQUAL TO 1 METER; +3"/-0" (.08m) LESS THAN 1 METER AND GREATER THAN .3 METER. THIS DRAWING IS NOT APPLICABLE FOR CABLE ASSEMBLIES LESS THAN .3 METERS.
- 2. ALL FIBER JUMPERS ARE MANUFACTURED FROM OFNR RISER GRADE CABLE THAT MEETS UL 1666.
- 1. CONNECTORS: CERAMIC FERRULE; THERMOPLASTIC BODY;
CONNECTOR COLOR: BEIGE (MM), BLUE (SM UPC), GREEN (SM APC).

NOTES:

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	TOLERANCES	DRAWN BY	DATE	DWG. NO.
	.00 ± .02	MJG	9/28/95	B-9032070
	.000 ± .010	EJV	10/27/95	
.0000 ± -	ENGINEER	DATE	PART NO.	
ANGLES ± -	RCC	10/27/95	FJ2-SC(X)SC(X)(XXX)-(XX)AQ	
ANSI Y14.5M-1982 OR ISO 1101, 129 & 3040		REV. L		
DIMENSIONS IN SQUARE BRACKETS ARE [mm], ALL OTHER DIMENSIONS ARE INCHES.		SCALE NOT TO SCALE SHEET 1 OF 1		