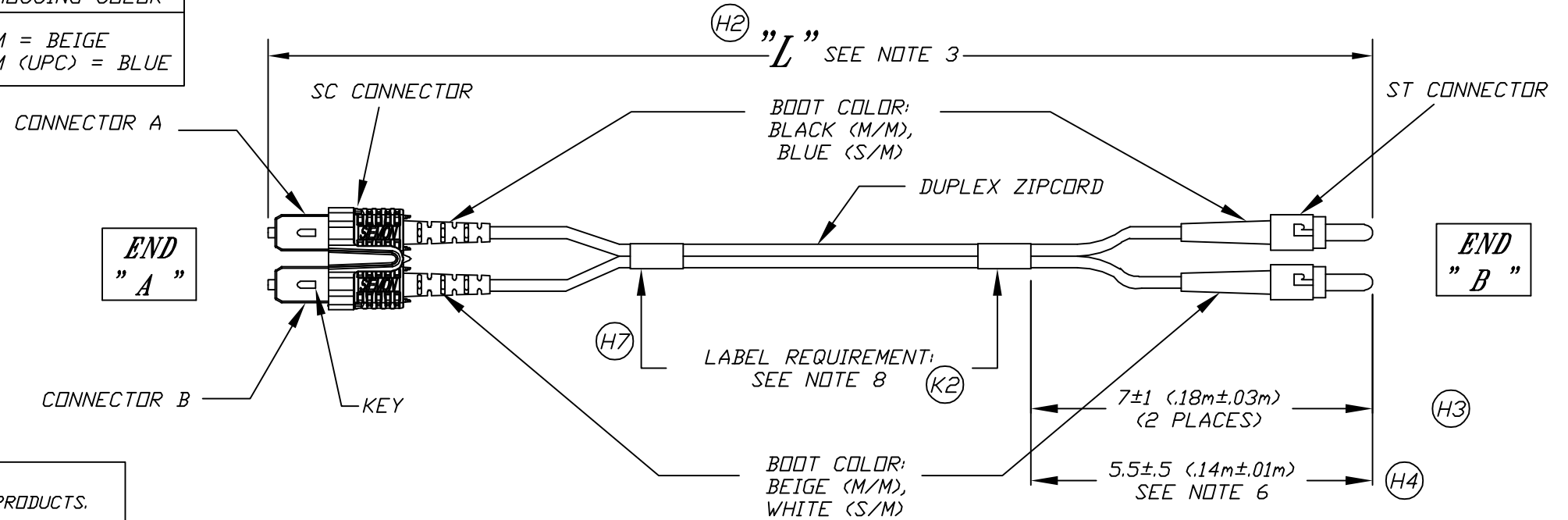


FIBER TYPE		CABLE JACKET COLOR	MAX. INSERTION LOSS (db)	MIN. RETURN LOSS (db)
5MM	50/125	ORANGE	.65	25
6MM	62.5/125	GRAY		
-MM	62.5/125	ORANGE		
SM-PREMIUM (UPC)		YELLOW	.40	55
5L	50/125 10GIG	AQUA OR ORANGE	.25 (K1)	30
L	SM 10GIG	YELLOW	.40	55

REV.	ECO NO.	REVISIONS	BY	DATE	APVD.
H	459	H1: ADDED NOTES 6 & 7; H2: WAS "L" +8"/-0" (.20 METERS) NOW "L" SEE NOTE 3; UPDATED NOTE 3; H3: UPDATED BREAKOUT LENGTH, NOW DIM. 7±1 (.18m±.03m) (2 PLACES); SEE NOTE 7; H4: ADDED DIM. 5±.5 (.14m±.01m) SEE NOTE 6 H5: UPDATED THE PART NUMBER MATRIX; H6: REMOVED "SM (APC) = GREEN" IN CHART & NOTE 1, H7: UPDATED THE LABEL NOTE, H8: UPDATED THE SIEMON LOGO & INFO, H9: ADDED "LIGHTSYSTEM/XGLO" TO TITLE, H10: MOVED CABLE JACKET COLORS FROM MATRIX TO THE FIBER CHART.	ZC	01/13/05	KJS/ZC 04/21/05
J	751	J1: ADDED NOTE 7	TM	07/27/05	DRH 08/02/05
K	2031	K1: WAS .50, IS .25 K2: UPDATED LABEL REQUIREMENT K3: ADDED NOTE 8	LIU	11/18/08	GAVIN 11/18/08

(H6) SC CONNECTOR HOUSING COLOR  
MM = BEIGE  
SM (UPC) = BLUE

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



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

SPECIFICATION TYPE	MIN.	MAX.
RADIUS OF CURVATURE (µm)	7 FOR MM   10 FOR SM	25
FIBER HEIGHT (µm)	.125	-0.05
APEX OFFSET(OFFSET LINEAR (µm))	0	50

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

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

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

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

LENGTH (METERS): AQ = AQUA JACKET OPTION FOR 50/125, 10 GIG. (H5)

- (K3) 8. DDC #1594 COMPLIANT
- (J1) 7. CABLE COLOR COMPLIES WITH TIA-598.
- (H1) 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.
- (H2) 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.
- (H6) 1. CONNECTORS: \*ST - CERAMIC FERRULE; NICKEL PLATED ZINC COUPLING SLEEVE.  
\*SC - CERAMIC FERRULE; THERMOPLASTIC BODY;  
CONNECTOR COLOR: BEIGE (MM), BLUE (SM UPC).

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TITLE: **LIGHTSYSTEM/XGLO**  
**DUPLEX SC-TO-ST**  
**FIBER OPTIC JUMPER**

DWG. NO. **B-9032078**

PART NO. **FJ2-SA(X)SC(X)(XXX)-(XX)AQ** REV. **K**

SCALE: **1 : 1** SHEET **1** OF **1**

ANSI Y14.5M-1982 OR ISO 1101, 129 & 3040  
DIMENSIONS IN SQUARE BRACKETS ARE [mm], ALL OTHER DIMENSIONS ARE INCHES. DO NOT SCALE

DRAWN BY: **MJG** DATE: **9/28/95**  
CHECKED BY: **EJV** DATE: **10/27/95**  
ENGINEER: **RCC** DATE: **10/27/95**