

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

REV.	ECO NO.	REVISIONS	BY	DATE	APVD.
H	459	H1: WAS "L" +8"/-0" (.20M) NOW "L" SEE NOTE 3; H2: UPDATED NOTE 3, H3: ADDED NOTE 6, H4: UPDATED BREAK OUT LENGTH, H5: ADDED DIM 5.5±.5 (.14m±.01m) SEE NOTE 6, H6: UPDATED THE PART NUMBER MATRIX, H7: WAS ORANGE NOW AQUA OR ORANGE, H8: UPDATED THE LABEL NOTE, H9: ADDED MM & SM TO LEGEND CHART, H10: ADDED "LIGHTSYSTEM/XGLO" TO TITLE.	ZC	12/30/04	KJS/ZC 04/21/05
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 FROM "GRAY" TO "ORANGE"	JF	07/18/07	DG 11/13/07

(K2)

(H6)

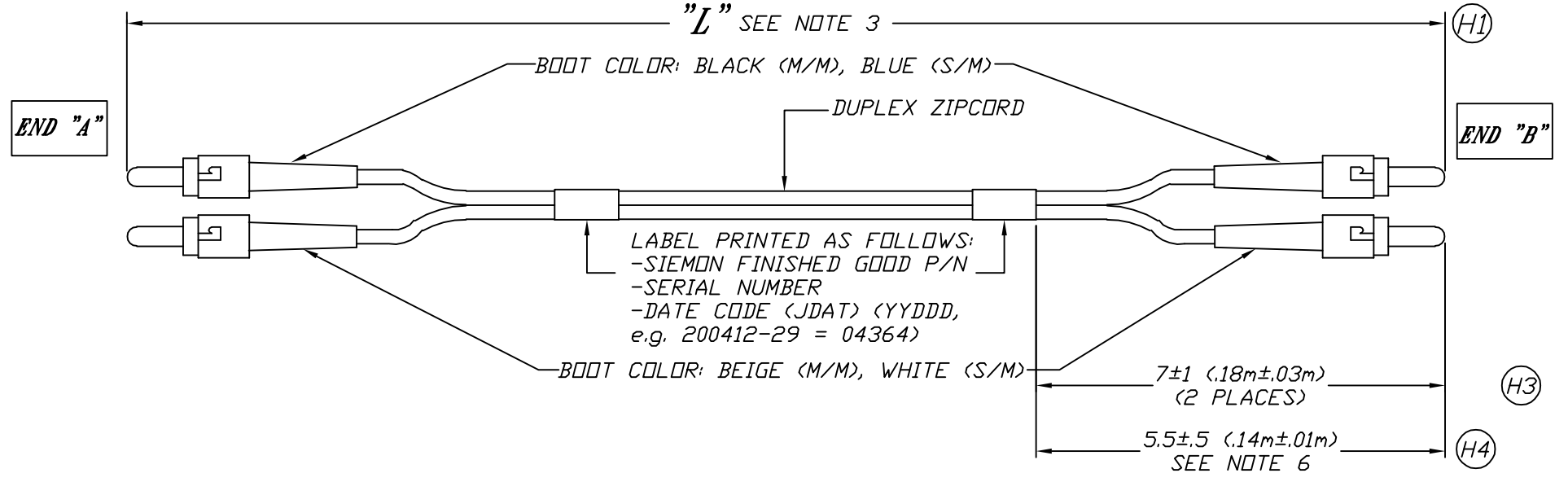
(H8)

LEGEND:
 UPC - ULTRA PHYSICAL CONTACT
 APC - ANGLED PHYSICAL CONTACT
 MM - MULTIMODE
 SM - SINGLEMODE
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)	*TCORD	-0.05
APEX OFFSET(OFFSET LINEAR (µM))	0	50

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



FJ2-SA(X)SA(X)(XXX)-(XX)(AQ) (H5)

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

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

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

(J1)

(H2)

7. CABLE COLOR COMPLIES WITH TIA-598.
6. 1 LABEL FOR JUMPERS LESS THAN 1 METER.
5. CONTACT A SIEMON COMPANY 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; NICKEL PLATED ZINC COUPLING SLEEVE.

NOTES:

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TOLERANCES: .00 ± .02, .000 ± .010, .0000 ± -, ANGLES ± -

DRAWN BY: MJG, CHECKED BY: EJW, ENGINEER: RCC, DATE: 9/28/95, 10/27/95, 10/27/95

ANSI Y14.5M-1982 OR ISO 1101, 129 & 3040

DIMENSIONS IN SQUARE BRACKETS ARE [mm], ALL OTHER DIMENSIONS ARE INCHES. DO NOT SCALE

TITLE: **LIGHTSYSTEM/XGLO JUMPER, DUPLEX, ZIPCORD ST-TO-ST** (H10)

DWG. NO. **B-9032074** SH **1** REV. **K**

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

SCALE **NOT TO SCALE** SHEET 1 OF 1

DWG. NO. B-9032074 SH 1 REV. K