						BILL	OF N	IATE	RIAL	NUME	JER
RAJA	NT COI	RPORATION					10	502	2-1	00	
ASSE	MBLY :	TITLE: RAJANT XLR MODEL OPTIONS - TOP LEVEL	DRAWN BY:	PDC		SI	HEET	1 OF	1 SI	HEETS	
			DATE:	6/15/2006	G	ROL	JP NU	IMBE	R &	QUANT	ΠΤΥ
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3				
_		XLR MILITARY VERSION 1U ENCLOSURE OPTION1ai	EFE		Х						
		XLR COMMERCIAL VERSION 1U ENCLOSURE OPTION1aii	EFE			Χ					
		OPTIONAL FRONT PLATE	EFE				Χ				
		BLOCK DIAGRAM BASIC SYSTEM OPTIONS	EFE	10502-01-L-01	Х	Х				_	
1		ASSEMBLY, CABLE, RF ANTENNA	EFE	10502-101	1	1					+
2		ASSEMBLY, CABLE, RF SCOAB CHANNEL I TO I/F PLATE	EFE	10502-102	1	1					
3		ASSEMBLY, CABLE, RF SCOAB CHANNEL II TO I/F PLATE	EFE	10502-103	1	1					
4		ASSEMBLY, 2U RACK ADAPTER	EFE	10502-104	1	1					
5		ASSEMBLY, 1U RACK ADAPTER	EFE	10502-105			1				
6		ASSEMBLY, CABLE, NETWORK STATUS	EFE	10502-106	1	1					
7		ASSEMBLY, CABLE, ETHERNET	EFE	10502-107	1	1					
8		ASSEMBLY, CABLE, DC POWER INPUT	EFE	10502-108	1	1					
9		ASSEMBLY, CABLE, DC POWER DISTRIBUTION	EFE	10502-109	1	1					
10		STANDARD CHASSIS	EFE	10502-110	1	1					
11		ASSEMBLY EXTENDER FOR XI-325	EFE	10502-111		1					
12											
13											
14											
15										İ	
16											
17											
18											
19											
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21											
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23											
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						BILL	OF	MATI	ERIA	L NUM	BER
RAJA	NT COI	RPORATION					10	50 :	2-1	10	
ASSE	MBLY .	TITLE: ASSEMBLY, STANDARD CHASSIS, XLR	DRAWN BY:	PDC		S	HEET	Г1О	F 1 S	HEETS	3
			DATE:	6/28/2006	G	ROL	JP N	JMBI	ER &	QUAN	ITITY
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3				
		ASSEMBLY, STANDARD CHASSIS	EFE	10502-01-A-17	X						士
1	J4	ADAPTER, FLANGE, N TO SMA, FEMALE/FEMALE	SM ELECTRONICS	SM4232	1						+
2	J13	CAP, CONNECTOR		RJFC2B	1						
3		CAP, SHELL 18, BAYONET		10-101960-183	1	t	t			\Box	
4	A1	RF AMPLIFIER, DUAL CHANNEL		SCOAB-REVA	1						-
5	A2	COMPUTER, HANDHELD	INHAND ELECTRNCS	ELF3	1						\neg
6	А3	DC TO DC CONVERTER	TRI-M ENGR	HE-HP	1						
7	A4	ASSEMBLY INTERFACE PLATE	RAJANT	10502-01-A-06	1						
8		QUICK RELEASE ADAPTOR	SUBC	10502-01-F-04	1						
9		ALIGNMENT PIN QUICK RELEASE ADAPTER	RAJANT	10502-01-F-06	3						
10		LATCHING PIN QUICK RELEASE ADAPTER	RAJANT	10502-01-F-07	1						
11		HEATSINK, COMPUTER, HANDHELD	SUBC	10502-01-F-08	1						
12	A5	ETHERNET ADAPTER (SPECIFY RJ45 JACK INSTALLED)	INHAND	IHE-ELF3-ETHDC-SASY-C	1						
13		STANDARD CHASSIS	SUBC	10502-01-F-01	1						
14		CHASSIS COVER	SUBC	10502-01-F-11	1						
15		RF GASKET	LEADER TECH	3-20T-BD-24-NTP	60"						
16		SPACER, ALUMINUM, #4 SCREW, 1/8" LONG	McMASTER-CARR	92510A688	4						
17		SPACER, ALUMINUM, #4 SCREW, 5/8" LONG	McMASTER-CARR	92510A110	6						
18		NUT, NYLON LOCK, SS, 4-40	McMASTER-CARR	91831A005	24						
19		SCREW, FLAT HEAD, PHILLIPS, SS, 8-32 X 5/8" LONG	McMASTER-CARR	91771A196	4						
20		SCREW, PAN HEAD, PHILLIPS, SS, 4-40 X 1" LONG	McMASTER-CARR	90272A115	4						
21		SCREW, PAN HEAD, PHILLIPS, SS, 4-40 X 1/4" LONG	McMASTER-CARR	91772A108	12						
22		SCREW, FLAT HEAD, PHILLIPS, SS, 4-40 X 1/4" LONG	McMASTER-CARR	91771A106	28						
23	J4	CAP, N-M CONNECTOR	SM ELECTRONICS	SC2010C	1						
24		LENS, PANEL-MOUNT, CLEAR	CHICAGO MINI LAMP	4312	1						
25		WASHER .255" ID .059" THK 18-8SS	McMASTER	90945A761	1						
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	IONS 8	L R NOTES 06						 ED ON 1050		<u> </u> NO. 	

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DA ::	AJANT CORPORATION							ИАТЕ	RIAL	NUM	BER
₹AJA	NT CO	RPORATION					10	50 2	2-1	09	
ASSE	MBLY :	FITLE: CABLE, DC POWER DISTRIBUTION	DRAWN BY:	PDC		SI	HEE1	1 0	- 1 S	HEETS	3
			DATE:	6/22/2006	G					QUAN	
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3				
		ASSEMBLY, CABLE, DC POWER DISTRIBUTION	EFE	10502-01-A-16	Χ						
1	P15	3 PC WEILAND 25.320.0353.1 SUPPLIED WITH HE-HP ON 10502-110	TRI-M	HE-HP	X						
2		SOCKET, 5 POSITION	HIROSE	DF3-5S-2C	1						
3		SOCKET, 2 POSITION	HIROSE	DF3-2S-2C	1						-
4		WIRE, HOOK-UP,E TEFLON, 20AWG, 600V, STRANDED, RED	WEICO	2120		FT	 				-
5		WIRE, HOOK-UP,E TEFLON, 20AWG, 600V, STRANDED, BLACK	WEICO	2120		FT					
6		WIRE, HOOK-UP,E TEFLON, 20AWG, 600V, STRANDED, ORANGE	WEICO	2120		INS					
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RAJA	NT COI	RPORATION					10	50 2	2-1	80	
ASSE	MBLY	TITLE: CABLE, DC POWER INPUT	DRAWN BY:	PDC		S	HEET	1 OF	- 1 S	HEETS	
			DATE:	6/21/2006	G	ROL	JP NU	JMBE	R &	QUAN	TITY
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3				
		ASSEMBLY, CABLE, DC POWER INPUT	EFE	10502-01-A-15	Х						
l											
1	J18	CONNECTOR, RECEPTACLE, FLANGE MOUNT, 32 PIN	AMPHENOL	MS3112E18-32P	1						
2											
3		SUPPRESSOR, EMI	STEWARD	28A0350-0B2	1						
4	CB1	CIRCUIT BREAKER, 5AMP, 250VAC	TYCO/P&B	W57-XB7A4A10-5	1						
5		SWITCH, LOCKING TOGGLE,	NKK	M2012LL1G01	1						
6		1 PC MOLEX 09-50-8043 SUPPLIED WITH HE-HP ON 10502-110	TRI-M	HE-HP	Х						
7		4 PC MOLEX 88-55-0104 SUPPLIED WITH HE-HP ON 10502-110	TRI-M	HE-HP	Х						
8	W1,2,3	WIRE, HOOK-UP,E TEFLON, 20AWG, 600V, STRANDED, ORANGE	WEICO	2120	2	FT					
9	W4	WIRE, HOOK-UP,E TEFLON, 20AWG, 600V, STRANDED, BLACK	WEICO	2120	2	FT					
10											
11	J19	RECEPTACLE, 10 CKT	MOLEX	39-01-2100	1						
12	P19	PLUG, 10 CKT, FREE HANGING	MOLEX	39-01-3103	1						
13	J19	SOCKET, 18-24AWG, TIN	MOLEX	39-00-0039	2						
14	P19	PIN, 18-24AWG, TIN	MOLEX	39-00-0041	2						
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RAJA	NT COR	PORATION					10	50 :	2-1	07		
ASSE	MBLY T	ITLE: CABLE, ETHERNET	DRAWN BY:	PDC						HEET		
			DATE:	6/28/2006	G	ROL	JP NU	JMBI	ER &	QUA	NTIT	Υ
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3					
		ACCEMBLY CARLE ETHERNET	l Teee	40500 04 4 44	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							
		ASSEMBLY, CABLE, ETHERNET	EFE	10502-01-A-14	Χ							
4												
1	110	CONNECTOR RILIC RIAE	I COM	TODOCCD	4							
3	J10	CONNECTOR, PLUG, RJ45	L-COM	T8P8CSR	1							
4	J13	CONNECTOR, RJ FIELD WITH CORDSET	AMPHENOL	RJF22B03100BTX	1							
Rev A	EVISIONS & NOTES ev A - 7/10/06							D ON 1050		l NO.		
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RAJA	NT COR	PORATION					10	50	2-1	06		
ASSE	MBLY T	ITLE: CABLE, NETWORK STATUS	DRAWN BY:	PDC		S	HEE.	Г10	F 1 S	HEE.	ΓS	
			DATE:	6/27/2006	(ROL	JP N	UMB	ER &	QUA	NTIT	Υ
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3					
		SCHEMATIC, CABLE, NETWORK STATUS	EFE	10502-01-E-01	1							
		OOTIEMATIO, CABLE, NETWORK STATOS		10302-01-E-01	+ '-	1		 				
1	LED1	LED, T1-3/4, TRICOLOR - RED, BLUE, GREEN	L.C.LED	M500RGB4D	1							
2		TRANSISTOR	ANY	2N4401	1							
3		RESISTOR, 1/8W, 470 OHM	ANY	<u> </u>	1	1	1	1				
4		RESISTOR, 1/8W, 470 Only RESISTOR, 1/8W, 120K	ANY		1	1	1					
5		RESISTOR, 1/8W, 10 OHM		1	1	1	1					
		CONNECTOR, FEMALE 14 PIN	ANY JST	SHR-14V-S	+	1		 				
6 7				2124	1	 	1	1				
		WIRE, HOOK-UP, E TEFLON, 24AWG, 600V, STRANDED, RED	WEICO		1	FT		<u> </u>				
8		WIRE, HOOK-UP, E TEFLON, 24AWG, 600V, STRANDED, ORG	WEICO	2124	+	1 FT						
9		WIRE, HOOK-UP, E TEFLON, 24AWG, 600V, STRANDED, GRN	WEICO	2124	1	FT						
10		WIRE, HOOK-UP, E TEFLON, 24AWG, 600V, STRANDED, BLU	WEICO	2124	1	FT		ļ				
11	W5	WIRE, HOOK-UP, E TEFLON, 24AWG, 600V, STRANDED, BLK	WEICO	2124	1	FT						
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Rev A	EVISIONS & NOTES ev A - 7/10/06 ev B - 7/12/06					1		D OI 1050		1 NO. 0		

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RAJA	NT COI	RPORATION					10	502	2-1	05	
ASSE	MBLY	TITLE: ASSEMBLY, 1U RACK ADAPTER	DRAWN BY:	PDC		SI	HEET	1 OF	1 S	HEET	<u>S</u>
			DATE:	6/19/2006	G	ROL	JP NU	JMBE	R &	QUAN	ITITY
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3				
1		1U RACK ADAPTER	SUBC	10502-01-F-03	1						
2		1U RACK ADAPTER SILKSCREEN	SUBC	10502-01-F-10	1						
3		NUT ACORN SS 8-32	McMASTER-CARR	91855A281	4						
4		WASHER, LOCK, SS, #8	McMASTER-CARR	92146A545	4						
-											
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						BILL	OF N	IATE	RIAL	. NUM	BER	
RAJA	NT COI	RPORATION					10	502	2-1	04		
ASSE	MBLY	TITLE: ASSEMBLY, 2U RACK ADAPTER	DRAWN BY:	PDC		Sł	HEET	1 OF	1 S	HEET	S	
			DATE:	6/19/2006	G	ROU	IP NU	MBE	R &	QUAN	<u>YTITI</u>	
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3					
1		2U RACK ADAPTER	SUBC	10502-01-F-02	1							\dashv
2		2U RACK ADAPTER SILKSCREEN	SUBC	10502-01-F-12	1							\dashv
3		NUT ACORN SS 8-32	McMASTER-CARR	91855A281	4							\dashv
4		WASHER, LOCK, SS, #8	McMASTER-CARR	92146A545	4							\dashv
		WASHEN, LOOK, 33, #0	INCINASTER-CARR	92140/1343								-
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Rev A	SIONS 8 - 7/10/0 - 7/12/0						USE	D ON 10502				

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RAJA	NT COI	RPORATION					10	50 2	2-1	03	
ASSE	MBLY :	FITLE: CABLE, RF, CHANNEL II TO SCOAB	DRAWN BY:	PDC		Sł	HEET	1 OF	= 1 S	HEETS	
			DATE:	6/19/2006	G	ROU	IP NU	JMBE	R &	QUAN	TITY
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3				
		ASSEMBLY, CABLE, RF, CHANNEL II I/F TO SCOAB	EFE	10502-01-A-10	X						
1		CABLE, CO-AXIAL, RG316	TIMES MICROWAVE	I MR-100A	6	INS					
2	J5	CONNECTOR, SMB, JACK, CRIMP, BULKHEAD, REAR-MOUNT	JOHNSON	131-3701-406	1	1					
3		CONNECTOR, SMA, CRIMP, RIGHT ANGLE	JOHNSON	142-0403-106	1						
4		, , ,									
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									RIAL	NUM	BER
RAJA	NT COI	RPORATION				_	10	502	2-1	02	
ASSE	MBLY :	FITLE: CABLE, RF, CHANNEL 1 TO SCOAB	DRAWN BY:	PDC		Sł	IEET	1 OF	1 S	HEETS	
			DATE:	6/19/2006	G	ROU	IP NU	JMBE	R &	QUAN	ΓΙΤΥ
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3				
		ASSEMBLY, CABLE, RF, CHANNEL 1 I/F TO SCOAB	EFE	10502-01-A-09	X						
1		CABLE, CO-AXIAL, RG316	TIMES MICROWAVE	I MR-100A	6	INS					
2	J6	CONNECTOR, SMB, JACK, CRIMP, BULKHEAD, REAR-MOUNT	JOHNSON	131-3701-406	1						
3		CONNECTOR, SMA, CRIMP, RIGHT ANGLE	JOHNSON	142-0403-106	1						
4		, ,									
\vdash					-		-				
							 				
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RAJA	NT COI	RPORATION					10	502	2-1	01	
ASSE	MBLY	FITLE: CABLE, RF, SCOAB TO ANTENNA BULKHEAD	DRAWN BY:	PDC		Sŀ	IEET	1 OF	- 1 S	HEETS	;
			DATE:	6/19/2006	G					QUAN	
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3				
		ASSEMBLY, CABLE, RF, SCOAB TO ANTENNA BULKHEAD	EFE	10502-01-A-08	X						
1		CABLE, CO-AXIAL, RG316	TIMES MICROWAVE	I MR-100A	6	INS					
2	P4	CONNECTOR, SMA, PLUG, CRIMP, STRAIGHT	JOHNSON	142-0403-016	1						
3		CONNECTOR, SMA, PLUG, CRIMP, RIGHT ANGLE	JOHNSON	142-0403-106	1						
4											
\vdash											
										+	
										-+	
Rev A	5 IONS 8 - 7/10/0 - 7/12/0					1		D ON 10502			I

	NT CORPORATION							MATE	ERIA	L NUI	MBEF	₹
RAJA	NT COR	PORATION					10	50	2-1	11		
ASSE	MBLY T	ITLE: ASSEMBLY, EXTENDER FOR XI-325	DRAWN BY:	PDC		SI	HEET	Г10	F 1 S	HEE	rs	
			DATE:	6/19/2006	G	ROL	JP NI	UMB	ER &	QUA	NTIT	Υ
NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3					
+		ASSEMBLY, CABLE, XI-325 TO INTERFACE PLATE	EFE	10502-01-A-11	X			1				
		NOCEMBET, CABLE, AI 020 TO INVERTAGE LEATE		10002 017(11							- 	
1		CABLE, CO-AXIAL, RG316	TIMES MICROWAVE	LMR-100A	12	INS						
2		CONNECTOR, SMB, PLUG		6423-24-7	2	1						
		CONNECTOR, MMCX, REVERSE POLARITY, CRIMP, RT ANGLE	HYPERLINK	ARMMP-1100	2							
4		SCREW, BUTTON HEAD, HEX SOCKET, SS, 2-56 X 1/4" LG.		92949A077	6							
5		SCREW, BUTTON HEAD, HEX SOCKET, SS, 4-40 X 1/4" LG.	92196A106	4	1	1	1					
6		PLATE, EXTENDER	McMASTER-CARR EFE	10502-01-F-09	1							
						\bot						
<u> </u>								1				
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Rev A	VISIONS & NOTES / A - 7/10/06							D OI 1050		1 NO. 0		
Rev B	- 7/12/0											