

RAJANT CORPORATION						BILL OF MATERIAL NUMBER								
						10502-100								
ASSEMBLY TITLE: RAJANT XLR MODEL OPTIONS - TOP LEVEL					DRAWN BY:		PDC		SHEET 1 OF 1 SHEETS					
					DATE:		6/15/2006		GROUP NUMBER & QUANTITY					
ITEM 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		X							
		XLR COMMERCIAL VERSION 1U ENCLOSURE      OPTION1aii			EFE			X						
		OPTIONAL FRONT PLATE			EFE				X					
		BLOCK DIAGRAM BASIC SYSTEM OPTIONS			EFE	10502-01-L-01	X	X						
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														
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24														
REVISIONS & NOTES							USED ON B/M NO.							
Rev A - 7/10/06							THIS							

RAJANT CORPORATION						BILL OF MATERIAL NUMBER									
						10502-110									
ASSEMBLY TITLE: ASSEMBLY, STANDARD CHASSIS, XLR					DRAWN BY:		PDC		SHEET 1 OF 1 SHEETS						
					DATE:		6/28/2006		GROUP NUMBER & QUANTITY						
ITEM 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										
1	J4	ADAPTER, FLANGE, N TO SMA, FEMALE/FEMALE	SM ELECTRONICS	SM4232	1										
2	J13	CAP, CONNECTOR	AMPHENOL	RJFC2B	1										
3	J18	CAP, SHELL 18, BAYONET	AMPHENOL	10-101960-183	1										
4	A1	RF AMPLIFIER, DUAL CHANNEL	WYLE	SCOAB-REVA	1										
5	A2	COMPUTER, HANDHELD	INHAND ELECTRNCS	ELF3	1										
6	A3	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										
REVISIONS & NOTES										USED ON B/M NO.					
Rev A - 7/10/06										10502-100					
Rev B - 7/12/06															

RAJANT CORPORATION						BILL OF MATERIAL NUMBER							
						10502-109							
ASSEMBLY TITLE: CABLE, DC POWER DISTRIBUTION					DRAWN BY: PDC		SHEET 1 OF 1 SHEETS						
					DATE: 6/22/2006		GROUP NUMBER & QUANTITY						
ITEM 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	X								
1	P15	3 PC WEILAND 25.320.0353.1 SUPPLIED WITH HE-HP ON 10502-110	TRI-M	HE-HP	X								
2	J16	SOCKET, 5 POSITION	HIROSE	DF3-5S-2C	1								
3	J17	SOCKET, 2 POSITION	HIROSE	DF3-2S-2C	1								
4	W1	WIRE, HOOK-UP,E TEFLON, 20AWG, 600V, STRANDED, RED	WEICO	2120	3	FT							
5	W2	WIRE, HOOK-UP,E TEFLON, 20AWG, 600V, STRANDED, BLACK	WEICO	2120	3	FT							
6	W3	WIRE, HOOK-UP,E TEFLON, 20AWG, 600V, STRANDED, ORANGE	WEICO	2120	6	INS							
REVISIONS & NOTES					USED ON B/M NO.								
Rev A - 7/10/06					10502-100								

RAJANT CORPORATION					BILL OF MATERIAL NUMBER									
					10502-108									
ASSEMBLY TITLE: CABLE, DC POWER INPUT					DRAWN BY: PDC		SHEET 1 OF 1 SHEETS							
					DATE: 6/21/2006		GROUP NUMBER & QUANTITY							
ITEM 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	X									
1	J18	CONNECTOR, RECEPTACLE, FLANGE MOUNT, 32 PIN	AMPHENOL	MS3112E18-32P	1									
2														
3	SUP1	SUPPRESSOR, EMI	STEWARD	28A0350-0B2	1									
4	CB1	CIRCUIT BREAKER, 5AMP, 250VAC	TYCO/P&B	W57-XB7A4A10-5	1									
5	SW1	SWITCH, LOCKING TOGGLE,	NKK	M2012LL1G01	1									
6	P14	1 PC MOLEX 09-50-8043 SUPPLIED WITH HE-HP ON 10502-110	TRI-M	HE-HP	X									
7	P14	4 PC MOLEX 88-55-0104 SUPPLIED WITH HE-HP ON 10502-110	TRI-M	HE-HP	X									
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									
REVISIONS & NOTES					USED ON B/M NO.									
Rev A - 7/10/06					10502-100									
Rev B - 7/12/06														

RAJANT CORPORATION						BILL OF MATERIAL NUMBER							
						10502-107							
ASSEMBLY TITLE: CABLE, ETHERNET					DRAWN BY: PDC		SHEET 1 OF 1 SHEETS						
					DATE: 6/28/2006		GROUP NUMBER & QUANTITY						
ITEM NO.	REF. DES.	DESCRIPTION	MANUFACTURE	PART NO. B/M NO. DWG NO.	1 0 1	1 0 2	1 0 3						
		ASSEMBLY, CABLE, ETHERNET	EFE	10502-01-A-14	X								
1													
2	J10	CONNECTOR, PLUG, RJ45	L-COM	T8P8CSR	1								
3													
4	J13	CONNECTOR, RJ FIELD WITH CORDSET	AMPHENOL	RJF22B03100BTX	1								
REVISIONS & NOTES					USED ON B/M NO.								
Rev A - 7/10/06					10502-100								
Rev B - 7/12/06													

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RAJANT CORPORATION						BILL OF MATERIAL NUMBER								
						10502-105								
ASSEMBLY TITLE: ASSEMBLY, 1U RACK ADAPTER					DRAWN BY: PDC		SHEET 1 OF 1 SHEETS							
					DATE: 6/19/2006		GROUP NUMBER & QUANTITY							
ITEM 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									
REVISIONS & NOTES					USED ON B/M NO.									
Rev A - 7/10/06					10502-100									

RAJANT CORPORATION					BILL OF MATERIAL NUMBER									
					10502-104									
ASSEMBLY TITLE: ASSEMBLY, 2U RACK ADAPTER					DRAWN BY: PDC		SHEET 1 OF 1 SHEETS							
					DATE: 6/19/2006		GROUP NUMBER & QUANTITY							
ITEM 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									
2		2U RACK ADAPTER SILKSCREEN	SUBC	10502-01-F-12	1									
3		NUT ACORN SS 8-32	McMASTER-CARR	91855A281	4									
4		WASHER, LOCK, SS, #8	McMASTER-CARR	92146A545	4									
REVISIONS & NOTES					USED ON B/M NO.									
Rev A - 7/10/06					10502-100									
Rev B - 7/12/06														



RAJANT CORPORATION						BILL OF MATERIAL NUMBER								
						10502-103								
ASSEMBLY TITLE: CABLE, RF, CHANNEL II TO SCOAB					DRAWN BY: PDC		SHEET 1 OF 1 SHEETS							
					DATE: 6/19/2006		GROUP NUMBER & QUANTITY							
ITEM 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	LMR-100A	6	INS								
2	J5	CONNECTOR, SMB, JACK, CRIMP, BULKHEAD, REAR-MOUNT	JOHNSON	131-3701-406	1									
3	P2	CONNECTOR, SMA, CRIMP, RIGHT ANGLE	JOHNSON	142-0403-106	1									
4														
REVISIONS & NOTES										USED ON B/M NO.				
Rev A - 7/10/06										10502-100				
Rev B - 7/12/06														

RAJANT CORPORATION						BILL OF MATERIAL NUMBER							
						10502-102							
ASSEMBLY TITLE: CABLE, RF, CHANNEL 1 TO SCOAB					DRAWN BY: PDC		SHEET 1 OF 1 SHEETS						
					DATE: 6/19/2006		GROUP NUMBER & QUANTITY						
ITEM 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	LMR-100A	6	INS							
2	J6	CONNECTOR, SMB, JACK, CRIMP, BULKHEAD, REAR-MOUNT	JOHNSON	131-3701-406	1								
3	P1	CONNECTOR, SMA, CRIMP, RIGHT ANGLE	JOHNSON	142-0403-106	1								
4													
REVISIONS & NOTES					USED ON B/M NO.								
Rev A - 7/10/06					10502-100								
Rev B - 7/12/06													

RAJANT CORPORATION						BILL OF MATERIAL NUMBER								
						10502-101								
ASSEMBLY TITLE: CABLE, RF, SCOAB TO ANTENNA BULKHEAD					DRAWN BY: PDC		SHEET 1 OF 1 SHEETS							
					DATE: 6/19/2006		GROUP NUMBER & QUANTITY							
ITEM 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	LMR-100A	6	INS								
2	P4	CONNECTOR, SMA, PLUG, CRIMP, STRAIGHT	JOHNSON	142-0403-016	1									
3	P3	CONNECTOR, SMA, PLUG, CRIMP, RIGHT ANGLE	JOHNSON	142-0403-106	1									
4														
REVISIONS & NOTES										USED ON B/M NO.				
Rev A - 7/10/06										10502-100				
Rev B - 7/12/06														

RAJANT CORPORATION					BILL OF MATERIAL NUMBER											
					10502-111											
ASSEMBLY TITLE: ASSEMBLY, EXTENDER FOR XI-325					DRAWN BY:		PDC			SHEET 1 OF 1 SHEETS						
					DATE:		6/19/2006			GROUP NUMBER & QUANTITY						
ITEM 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		CABLE, CO-AXIAL, RG316			TIMES MICROWAVE	LMR-100A	12	INS								
2	P7,P8	CONNECTOR, SMB, PLUG			COAXICOM	6423-24-7	2									
3	P11,P12	CONNECTOR, MMCX, REVERSE POLARITY, CRIMP, RT ANGLE			HYPERLINK	ARMMP-1100	2									
4		SCREW, BUTTON HEAD, HEX SOCKET, SS, 2-56 X 1/4" LG.			McMASTER-CARR	92949A077	6									
5		SCREW, BUTTON HEAD, HEX SOCKET, SS, 4-40 X 1/4" LG.			McMASTER-CARR	92196A106	4									
6		PLATE, EXTENDER			EFE	10502-01-F-09	1									