

MATERIAL LIST		REV.	A	B													MODEL	RAK-12B		
																	SHEET	1	OF	9
QUAN. PER UNIT	PART NO.	DESCRIPTION SUPPORTING LISTS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS													
				USED ON	USED TO MOUNT	QUAN.														
1	RAK-12 (ML)	Rack, Basic																		

MATERIAL LIST		REV.	A	B												MODEL	RAK-12B		
																SHEET	2	OF	9
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
4	CU-102-3	Clamp, "G" Type , 1/4 D.		CA-714		2													
				A-3071	CA-714	2													
2	CU-102-6	Clamp, "G" Type , 7/16 D.		CA-714		2													
1	CU-102-7	Clamp, "G" Type , 1/2 D.		A-3071		1													
2	CU-102-13	Clamp, "G" Type , 7/8 D.		A-3071		2													
3	CU-102-14	Clamp, "G" Type , 1 D.		A-3071		3													
1	MS-1973-1	Bracket, Support, Chassis, Right		A-3071		1													
1	MS-1973-2	Bracket, Support, Chassis, Left		A-3071		1													
1	NP-103-42	Nameplate, Identification	Comm.	A-3071		1	When Required												
1	NP-103-43	Nameplate, Identification	Navy.	A-3071		1	When Required												
1		Nameplate, Identification																	
1		Nameplate, Identification																	
2	PL-100	Connector, Plug, AC Twist Lock		W504		1	P502,												
				W505		1	P504												
2	PL-171	Connector, Plug, AC Twist Lock		W504		1	P503,												
				W505		1	P505												
1	TM-105-3AR	Terminal Board		CA-714		1	E505												
1	TM-105-4AL	Terminal Board		CA-714		1	E502												
2	TM-105-9AR	Terminal Board		CA-714		2	E503,504												
12	UG-260/U	Connector, Plug, RF, BNC		CA-714		12	P507 thru P518												

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	MODEL RAK-12B																SHEET 3 OF 9			
			A	B																	ITEM LOCATION	
QUAN. PER UNIT	PART NO.	DESCRIPTION																REF.	USED ON	USED TO MOUNT	QUAN.	
		HARDWARE																				
4	FW06HBN	Washer, Flat																	CA-714		4	
14	FW10HBN	Washer, Flat																	A-3071-0		14	
4	LWE06MRN	Washer, Lock, External																	CA-714		4	
14	LWE10MRN	Washer, Lock, External																	A-3071-0		14	
4	NTH0632BN8	Nut, Hexagon																	CA-714		4	
14	NTH1032BN12	Nut, Hexagon																	A-3071-0		14	
4	SCBP0632BN6	Screw, Machine																	CA-714		4	
14	SCBP1032BN8	Screw, Machine																	A-3071-0		14	
4	SFB0256SN3	Screw, Self Tapping																	A-3071-0		4	
10	TE-120-2	Terminal, Lug																	CA-714		10	
3	TE-155-34170	Terminal, Solderless																	CA-409-77		1	
		Terminal, Solderless																	CA-588-17		2	
1	TE-159-34160	Terminal, Solderless																	CA-409-77		1	

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MATERIAL LIST		REV.	A	B											MODEL	RAK-12B	
												SHEET	4	OF	9		
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS										
				USED ON	USED TO MOUNT	QUAN.											
		RAW MATERIALS															
	BS-100	Solder, Soft					CA-714										
0-8	CD-101-1-MW	Cord, Lacing	Black				CA-714										
	MWG14(19)U5	Wire, Electrical	Green				CA-409-77					8"					
	MWC22(7)S1	Cable, Insulated, Shielded	Brown				CA-714										
	MWC22(7)S2	Cable, Insulated, Shielded	Red				CA-714										
	MWC22(7)S3	Cable, Insulated, Shielded	Orange				CA-714										
	MWC22(7)S4	Cable, Insulated, Shielded	Yellow				CA-714										
	MWC22(7)S5	Cable, Insulated, Shielded	Green				CA-714										
	MWC22(7)S6	Cable, Insulated, Shielded	Blue				CA-714										
	MWC22(7)S7	Cable, Insulated, Shielded	Violet				CA-714										
	MWC22(7)S8	Cable, Insulated, Shielded	Gray				CA-714										
	MWC22(7)S9	Cable, Insulated, Shielded	White				CA-714										
	MWC22(7)S91	Cable, Insulated, Shielded	Wh/Brn.				CA-714										
	MWC22(7)S92	Cable, Insulated, Shielded	Wh/Red				CA-714										
	MWC22(7)U0	Wire, Electrical	Black				CA-714										
	MWC22(7)U9	Wire, Electrical	White				CA-714										
	MWC22(7)U90	Wire, Electrical	Wh/Blk.				CA-714										
	PX-100-1-.263	Sleeving, Size 2	Black				CA-714										
	PX-100-1-.438	Sleeving, Size 7/16	Black				CA-714										
	PX-100-1-.500	Sleeving, Size 1/2	Black				CA-714										
	PX-100-1-1.250	Sleeving, Size 1-1/4	Black				CA-714										
	RG-59/U	Cable, Coaxial, RF					CA-714										
0-32	WI-121-6	Cable, Special Purpose, Two Conductor	Wh/Black				CA-588-1					32"					
2-1	WI-134-2-7	Cable, Power, Coiled, 7" Long					CA-435-3					2"					

MATERIAL LIST		REV.	A	B												MODEL	RAK-12B		
																SHEET	5	OF	9
QUAN. PER UNIT	PART NO.	DESCRIPTION SUPPORTING DRAWINGS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
1	A-3071	RAK-12B Final Assembly																	
1	CA-409-77-8.00	Lead, Electrical		A-3071		1	W507												
2	CA-435-3	Cable Assembly, AC, Coiled		A-3071		2	W504, 505												
1	CA-588-1	Cable, Assembly, AC, Input		A-3071		1	W501												
1	CA-714	Wiring Harness, Main, DDR-6B		A-3071		1	W506												
1	CK-596	Wiring Diagram, DDR-6B																	

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MATERIAL LIST		REV.	A	B													MODEL	RAK-12B		
																	SHEET	6	OF	9
QUAN. PER UNIT	PART NO.	DESCRIPTION SPECIFICATIONS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS													
				USED ON	USED TO MOUNT	QUAN.														
S S-254		Test Procedure Blue/Gray, TMC																		

MATERIAL LIST

REV.

A B

MODEL RAK-12B

SHEET 7 OF 9

QUAN. PER UNIT	PART NO.	DESCRIPTION LOOSE ITEMS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
4	SC-142-C	Eyebolt		A-3071		4	
72	SCBP1032BN8	Screw, Machine		A-3071	Units	72	
72	WA-101-11	Washer, Fiber, Flat		A-3071	Units	72	

MATERIAL LIST

REV.

A	B																		
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MODEL RAK-12B

SHEET 8 OF 9

QUAN. PER UNIT	PART NO.	DESCRIPTION PARTS PECULIAR	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		BASE MOUNTING					
4	LWS37MRN	Washer, Lock, Split		A-3071-2	MS-1901	4	
1	MS-1901	Base, Rack		A-3071-2		1	
4	SCHH3716SN16	Bolt, Hexagon Head		A-3071-2	MS-1901	4	

