

Item	Quantity	Reference	Part	Description	Mfr part / stock number	cost	unit/cost	qty	cost total
								40	
1	16	J1-J16	CON8	103169-2 CONN HEADER VERT .100 8 POS 30AU AMP/Tyco Electronics	A26817-ND Tyco/Amp 103169-2 CONN HEADER VERT .100 8POS 30AU	\$1.38	\$22.08	640	\$883.20
2	4	J17-J20	CON34	1-103168-5 CONN HEADER VERT .100 34POS 30AU AMP/Tyco Electronics	Tyco/Amp 1-103168-5 Digikey A26744-ND	\$4.77	\$19.08	160	\$763.20
3	4	J21-J24	CON36	Connector 3M #10236-6212VC 36 pin MDR connector.	3M 10236-6212VC	\$2.94	\$11.76	160	\$470.40
4	64	R1-R64	R0805	(5000)NRC10 0 5% TR zero ohm 0805 resistor	SEI/NRC NRC10 0 Belford Electronics	\$0.0020	\$0.13	2560	\$5.12
5	8	RN1-RN8	RN10K-8	RES NET 16 SMD ISOLATED 10K OHM 4816P-1-103 Bourns 10K	4816P-1-103-ND Digikey	\$0.71	\$5.68	320	\$227.20
6	2			Printed circuit boards 4 layer 8.25 x 3x 0.062 Patch panel	Board cost \$25-\$35 if 4 layer	\$35.00	\$70.00	80	\$2,800.00
7	1		FRONT panel	FRONT PANEL, FOR P.M.F. STANDARD 19 IN. CHASSIS ASSY., PRECISION METAL FABRICATORS P/N 61-001, 3-1/2 IN. HIGH X 19 IN. WIDE X 1/8 THICK	stock 1775-2400	\$15.05	\$15.05	40	\$602.00
8	1		REAR PANEL	REAR PANEL, FOR P.M.F. STANDARD 19 IN. CHASSIS ASSY., PRECISION METAL FABRICATORS P/N 62-001, 3 IN. HIGH X17 IN. WIDE X 1/8 IN. THICK	Stock 1775-2440	\$9.85	\$9.85	40	\$394.00
9	2		side panel	SIDE PANEL, FOR P.M.F. STANDARD 19 IN. CHASSIS ASSY., PRECISION METAL FABRICATORS P/N 63-009, 3 IN. HIGH X14 IN. DEEP, 9/16 FLANGE	Stock 1775-2565	\$27.82	\$55.64	80	\$2,225.60
10	2		handle	HANDLE, FOR P.M.F. STANDARD 19 IN. CHASSIS ASSY., PRECISION METAL FABRICATORS P/N 68-002, FOR 3-1/2 IN. FRONT PANEL	1775-302500	\$9.50	\$19.00	91	\$864.50
11	1		bottom cover	COVER, SOLID, FOR P.M.F. STANDARD 19 IN. CHASSIS ASSY., PRECISION METAL FABRICATORS P/N 64-006S, 14 IN. DEEP X 16-7/8 IN. WIDE	1775-281000	\$33.68	\$33.68	40	\$1,347.20
12	4		con36/ra	Connector R/A 3M# N10236-52B2VC 36 pin MDR 100 @ 4.59	3M# N10236-52B2VC	\$4.59	\$18.36	160	\$734.40

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13	2		erni 160	ERNI Components 013167 TE 160 F A--E V--V 5-03 2870	Arrow Electronics	\$14.00	\$28.00	80	\$1,120.00
14	2		paddle card	printed circuit boards 4 layer 4 x 4 x 0.093 4 layers		\$18.00	\$36.00	80	\$1,440.00
15	1			Machining front panel		\$55.00	\$55.00	40	\$2,200.00
16	1			Machining rear panel		\$55.00	\$55.00	40	\$2,200.00
17	1			Anodize Front Panel black		\$2.00	\$2.00	40	\$80.00
18	1			Chassis assembly		\$10.00	\$10.00	40	\$400.00
19	2			Board assembly cost for patch panel		\$20.00	\$40.00	80	\$1,600.00
20	2			Board assembly cost for paddle card		\$10.00	\$20.00	80	\$800.00
21	4		pleated foil cables	Cable assemblies from subsem 3m 90211-36 cable and connectors		\$83.00	\$332.00	160	\$13,280.00
							\$858.31		
									\$34,436.82