

Item	Quan/Bd	Qty/PP	Reference	Part	Description mfr part/stk number	Ucost	cost total	QTY/PP	Upgrade	order	
		2					per PP	40	total	total	total w/spares
1	16	32	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	\$0.57	\$18.24	1280	\$729.60	1350	\$769.50
2	4	8	J17-J20	CON34	1-103168-5 CONN HEADER VERT .100 34POS 30AU AMP/Tyco Electronics Tyco/Amp 1-103168-5 Digikey A26744-ND	\$2.38	\$19.04	320	\$761.60	350	\$833.00
3	2	4	J21-J24	CON36	Connector 3M #10236-6212VC 36 pin MDR connector. 3M 10236-6212VC	\$2.80	\$11.20	160	\$448.00	100	\$280.00
4	64	128	R1-R64	R0805	DALE CRCW0603-6R8JRT1 6.8 ohm 200ppm SM RES-THICK FILM 0603 5% 1/10W Garrett	\$0.0050	\$0.64	5120	\$25.60	6000	\$30.00
5	8	16	RN1-RN8	RN10K-8	768163511G RES-NET ISO 510 OHM 16-PIN SMD CTS Corporation Resistor/Electrocomponents 768-163-R510-ND Digikey	\$0.71	\$11.36	640	\$454.40	670	\$475.70
6	1	2			Patch panel Printed circuit boards 2 layer 8 x 3x 0.062 Vendor	\$20.00	\$40.00	80	\$1,600.00	85	\$1,700.00
7	2	4	P1-P2	con36/ra	Connector R/A 3M# N10236-52B2VC 36 pin MDR 100 @ 4.59	\$4.40	\$17.60	160	\$704.00	100	\$440.00
8	1	2	J1	erni 160	ERNI Components 013167 TE 160 F A--E V--V 5-03 2870 Harting 02 04 160 1101 Arrow Electronics	\$14.00	\$28.00	80	\$1,120.00	0	\$0.00
9	1	2		paddle card	Paddle Card printed circuit boards 2 layer 4 x 4 x 0.093 2 layers Vendor	\$15.00	\$30.00	80	\$1,200.00	85	\$1,275.00
19	1	2			Board assembly cost for patch panel	\$20.00	\$40.00	80	\$1,600.00	85	\$1,700.00
20	1	2			Board assembly cost for paddle card	\$10.00	\$20.00	80	\$800.00	85	\$850.00

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21	2	4		pleated foil cables	Cable assemblies from subsem 3m 90211-36 cable and connectors cables are 10 feet long	\$83.00	\$332.00	160	\$13,280.00	170	\$14,110.00
7	1	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	44	\$662.20
10	2	2		handle	HANDLE, STANDARD 19 IN. CHASSIS ASSY., FOR 3-1/2 IN. FRONT PANEL	\$5.00	\$10.00	80	\$400.00	88	\$440.00
11	1	1		Front panel hardware support	Front Panel hardware, hinge, hinge support	\$33.68	\$33.68	40	\$1,347.20	44	\$1,481.92
15	1	1			Machining front panel, and silkscreen	\$55.00	\$55.00	40	\$2,200.00	44	\$2,420.00
17	1	1			Anodize Front Panel black and silkscreen	\$2.00	\$2.00	40	\$80.00	44	\$88.00
18	1	1			Chassis assembly	\$10.00	\$10.00	40	\$400.00	44	\$440.00
							\$693.81		\$27,752.40		\$27,995.32