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Name	Description	Part Number	Price
	MESA SERIES		
Mesa 16	Control Mainframe	16-03-00	$ 850.00
Mesa 16 High Power	Control Mainframe w/ 7.5 A +12 Volt switching supply	16-12-00	$ 950.00
Mesa SCR	Single chassis controller w/ redundant Power Supplies Control Modules and Voltage Monitors (add CM's)	16-13-00	$ 1250.00
MESA CONTROL MODULES			
CM-1	16 Bit Parallel TTL Control Module	2-439	$ 500.00
CM-5	IEEE488/RS232 Module	6-006-4	$ 625.00
CM-5R	Redundant IEEE488/RS232 Control Module	16-14-10	$ 625.00
IF-6	TCP/IP LAN (requires a CM-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor	ASY1033	$ 70.00
BBR-5	Battery Backup RAM option for CM-5 & IF -6	ICS1001	$ 100.00
FWR6538B	Firmware Revision 6538B	FWR6538B	$ 1,850.00
FWRxxxx	All Special Firmware Versions (xxxx TBD)	FWRxxxx	$ 2,500.00
EIF MODULES			
EIF Module	Mesa Expansion Interface Module (34 Pin)	6-015-3	$ 120.00
EIF Cable	34 Pin ribbon cable in 2L to 6L length (L = 20")	ASY1028-xL	$ 25.00
MESA II SERIES			
Mesa II	Control Mainframe	16-09-00	$ 900.00
Mesa II DC	DC Input Control Mainframe	6015-01-00	$ 900.00
MESA II CONTROL MODULES			
CM-8	IEEE488 / RS232 / 100BaseT LAN Combo	11-09-10	$ 850.00
CM-8A	RS232 / 100BaseT LAN Combo	11-09-11	$ 800.00
EIF MODULES			
MII EIF68	68 Pin Mesa II EIF Module	16-07-10	$ 150.00
MII EIF34	34 Pin Mesa II EIF Module	16-16-10	$ 150.00
MII BP-CM	Control Slot Blank Panel	16-11-21	$15.00
MII BP-EIF	EIF Slot Blank Panel	16-10-21	$ 15.00
MANUAL CONTROL OPTIONS			
MC- 2	Keypad with Display for all Mesas except CM-1 Mesa 16	ASY1016	$ 525.00

LX SERIES

Name	Description	Part #	Price
CHASSIS			
LXA/128 Mainframe	128 Channel Standard LXA Mainframe	22-05-00	$ 1,150.00
LXA/128-E	128 channel Expansion Chassis used with a Mesa Controller	22-06-00	$ 1,050.00
LXA/128-E-PS	128 channel Mesa Expansion Chassis with a power supply	22-07-00	$ 1,150.00
LXB Mainframes	16x8, 32x4, 2(16x4) or 64x2 Matrix Mainframe	23-09-00	$ 1,150.00
LXB/-E	16x8, 32x4, 2(16x4) or 64x2 Matrix Expansion Chassis	23-14-00	$ 1,050.00
LX/128-E-W	Any LX Wired Chassis	Per job#	Call Factory
CONTROL MODULES			
IF-1	16 Bit Parallel TTL Control	2-072-3	$ 500.00
IF-5	IEEE488/RS232 Module	6-013-3	$ 525.00
IF-6	External TCP/IP LAN (requires an IF-5)	ASY1025	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
MANUAL CONTROLS			
MC/16x8-TW	16x8 Thumbwheel Manual Control	ASY1010	$ 400.00
MC/32x4-TW	32x4 Thumbwheel Manual Control	ASY1011	$ 400.00
MC/64x2-TW	64x2 Thumbwheel Manual Control	ASY1012	$ 400.00
DISPLAY / DRIVER MODULES			
Requires one per switch module (Except LX8/ID modules)			
CL8 Display Module	Relay driver module with LED indicators	13-00-10-1	$ 65.00
SIGNAL I/O MODULES			
S20-E	20 Pin card edge Signal I/O Module	2-082	$ 30.00
S20-R	20 Pin Header Connector Signal I/O Module	2-455	$ 30.00
LX8/G1P-ST-SIO	10 Pin Screw Terminal Signal I/O Module w/ Mate	22-00-11	$ 50.00
LX8/G2-E-SIO	20 Pin card edge Signal I/O Module	22-13-11	$ 30.00
LX8/G2HV-E-SIO	20 Pin card edge High Voltage Signal I/O Module	22-16-11	$ 35.00
LX8/G2-ST-SIO	16 Pin screw terminal Signal I/O Module w/ Mate	22-10-12	$ 50.00
LX8/G2-HV-ST-SIO	16 Pin screw terminal High Voltage Signal I/O w/ Mate	22-15-11	$ 50.00
LXB/4x2-SIO-N or -H	BNC or 3 pin header Signal I/O Module for LXB/64x2	2-456-1	$ 25.00

Name	Description	Part number	Price
LXA SERIES SWITCH MODULES			
LX8/K Series			
LX8/K-1S-E	One pole, type S relay, K module w/ card edge connector	2-009-3	$ 110.00
LX8/K-1S-R	One pole, type S relay, K module w/ 20 pin header connector	2-009-2	$ 120.00
LX8/K-1M-E	One pole, type M relay, K module w/ card edge connector	2-009-3-M	$ 250.00
LX8/K-1M-R	One pole, type M relay, K module w/ 20 pin header connector	22-11-10-M	$ 250.00
LX8/K-1HV-E	One pole, type HVrelay, K module w/ card edge connector	22-18-10	$ 165.00
LX8/K-1A-R	One pole, type A relay, K module w/ 20 pin header connector	22-11-10-A	$ 120.00
LX8 Power Switch Modules with Screw Terminal Connectors			
LX8/KP-ST	One pole Type P w/16 pin Screw Terminal Mate	2-433-1	$ 230.00
LX8/G1P-ST	One pole Type P, G module w/ 10 pin Screw Terminal mate	22-00-10	$ 220.00
LX8/G2P-ST	Two pole Type P, G module w/ 16 pin Screw Terminal mate	22-10-11	$ 230.00
LX4/ Coaxial Modules with SMA Connectors			
LX4/1x4-2S-SMA	Two pole Type S 1x4 w/ SMA's (switches shield)	22-19-11	$ 150.00

Name	Description	Part number	Price
LXA SERIES SWITCH MODULES			
LX8/G2-E Series with Card Edge Connectors			
LX8/G2S-E	Two pole, Type S, w/ card edge connector	22-13-10	$ 145.00
LX8/G2M-E	Two pole, Type M, w/ card edge connector	22-13-10-M	$ 600.00
LX8/G2HV-E	Two pole, Type HV, w/ card edge connector	22-16-10-HV	$ 200.00
LX8/G2LT-E	Two pole, Low Thermal, w/ card edge connector	22-13-10-LT	$ 210.00
LX8/G2-R Series with Header Connectors			
LX8/G2S-R	Two pole Type S, w/ 20 pin header connector	2-213-4	$ 145.00
LX8/G2M-R	Two pole Type M, w/ 20 pin header connector	2-213-4-M	$ 600.00
LX8/G2LT-R	Two pole Type LT, w/ 20 pin header connector	2-213-4-LT	$ 210.00
For inline resistors add	any -R module with inline resistors added	2-213-3-X (X = S, M, or LT)	$ 25.00
LX8/G-ST Series Switch Modules with Screw Terminal connectors			
LX8/G2A-ST	Two pole Armature medium power w/ 16 pin ST mate	22-10-10	$ 200.00
LX8/G2P-ST	Two pole High power w/ 16 pin ST mate	22-10-11	$ 230.00
LX8/G1P-ST	One pole High power w/ 10 pin ST mate	22-00-10	$ 220.00
LX8/G2HV-ST	Two pole high voltage w/ 16 pin ST mate	22-15-10	$ 220.00
LX8 Input/Output Modules			
LX8/OD-TTL	Low Power Output Driver w/ 16 pin ST mate	2-443-2	$ 170.00
LX8/OD-MP	Med Power Output Driver w/ 16 pin ST mate	2-443-2MP	$ 190.00
LX8/OD-HP	High Power Output Driver w/ 16 pin ST mate	2-443-2HP	$ 220.00
LX8/ID -11 or -15*	Input Detection Module for 11 or 15" chassis	22-14-10(11") or -11(15")	$ 200.00
LX8/ID-15-OCS	Input Detection Module for Open Contact sense	22-14-12	$ 200.00
LX8/PR	Prototype Module	2-432	$ 100.00

*****no CL8 required for input detection modules.

LXB SERIES SWITCH MODULES

LXB/2(1x4) for 32x4, dual 16x4 or16x8 & LXB/4(1x2) for 64x2 with the following Connectors:

-N = BNC Receptacles -ST = Screw Terminals

LXB/2(1x4)-1S (-N or -ST)	One pole Type S w/ BNC or Screw Terminals	22-17-12-S (-N or -ST)	$ 125.00
LXB/2(1x4)-1M (-N or -ST)	One pole Type M w/BNC or Screw Terminals	22-17-12-M (-N or -ST)	$ 300.00
LXB/2(1x4)-2S (-N or -ST)	Two pole Type S w/ BNC or Screw Terminals	22-17-10-S (-N or -ST)	$ 155.00
LXB/2(1x4)-2M (-N or -ST)	Two pole Type M w/BNC or Screw Terminals	22-17-10-M (-N or -ST)	$ 600.00
LXB/2(1x4)-2LT (-N or -ST)	Two pole Type LT w/ BNC or Screw Terminals	22-17-10-LT (-N or -ST)	$ 230.00
LXB/2(1x4)-2HV -ST	Two pole Type HVw/ Screw Terminals	22-17-11-HV (-N or -ST)	$ 230.00
LXB/2(1x4)-2P-ST	Two pole Type P w/ 3 pin ST mates	2-479	$ 230.00
LXB/4(1x2)-1S (-N or -ST)	One pole Type S w/ BNC or Screw Terminals	22-09-12-S (-N or -ST)	$ 135.00
LXB/4(1x2)-1M (-Nor -ST)	One pole Type M w/BNC or Screw Terminals	22-09-12-M (-N or -ST)	$ 310.00
LXB/4(1x2)-2S (-N or -ST)	Two pole Type S w/ BNC or Screw Terminals	22-09-10-S (-N or -ST)	$ 155.00
LXB/4(1x2)-2M (-Nor -ST)	Two pole Type M w/BNC or Screw Terminals	22-09-10-M (-N or -ST)	$ 600.00
LXB/4(1x2)-2LT (-N or -ST)	Two pole Type LT w/ BNC or Screw Terminals	22-17-10-LT (-N or -ST)	$ 230.00

Note! Mating connectors included at no charge with ST Option ONLY!

LXB/2(1x4)-E and LXB/1x8-E Series with Card Edge Connectors for 32x4, dual 16x4 or16x8:

LXB/2(1x4)-1S-E	One Pole Type S	22-12-13-S	$ 115.00
LXB/2(1x4)-2S-E	Two Pole Type S	22-12-11-1-S	$ 135.00
LXB/2(1x4)-1M-E	One Pole Type M	22-12-13-M	$ 280.00
LXB/2(1x4)-2M-E	Two Pole Type M	22-12-11-1-M	$ 580.00
LXB/2(1x4)-1HV-E	One PoleType HV	22-12-13-HV	$ 175.00
LXB/2(1x4)-2HV-E	Two Pole Type HV	22-12-11-1-HV	$ 200.00
LXB/1x8-1S-E	One Pole Type S	22-12-12-S	$ 115.00
LXB/1x8-2S-E	Two Pole Type S	22-12-10-1-S	$ 135.00
LXB/1x8-1M-E	One Pole Type M	22-12-12-M	$ 280.00
LXB/1x8-2M-E	Two Pole Type M	22-12-10-1-M	$ 580.00
LXB/1x8-1HV-E	One PoleType HV	22-12-12-HV	$ 175.00
LXB/1x8-2HV-E	Two Pole Type HV	22-12-10-1-HV	$ 200.00

CXAR SERIES

Name	Description	Part number	Price
CXAR MAINFRAMES			
CXAR/16-MF	Stand alone 16 channel mainframe chassis	21-21-00	$ 800.00
CXAR/16-E	Expansion Chassis for use with Mesa Controller	21-22-00	$ 750.00
CXAR/32 MF	Stand alone 32 channel mainframe chassis	21-15-00	$ 900.00
CXAR/32-E	Expansion Chassis for use with Mesa Controller	21-16-00	$ 850.00
CXAR/64-MF	Stand alone 64 channel mainframe chassis	21-19-00	$ 1,150.00
CXAR/64-E	Expansion Chassis for use with Mesa Controller	21-20-00	$ 1,100.00
CXAR/128-MF	Stand alone 128 channel mainframe chassis	21-17-00	$ 1,250.00
CXAR/128-E	Expansion Chassis for use with Mesa Controller	21-18-00	$ 1,200.00
CXR SWITCH MODULES (< 200 MHz)			
CXR/2x1-1S -BNC	2x1 one pole Type S Reed w/ BNC	2-101-1-1S	$ 45.00
CXR/2x1-1M-BNC	2x1 one pole Type M Reed w/ BNC	2-101-1-1M	$ 75.00
CXR/2x1-2S-BNC	2x1 two pole Type S Reed w/ BNC	2-101-1-2S	$ 55.00
CXR/2x1-2M-BNC	2x1 two pole Type M Reed w/ BNC	2-101-1-2M	$ 120.00
CXR/2x1-2S-TBNC	2x1 two pole Type S Reed w/ Twin BNC	2-101-1-2S-TBNC	$ 75.00
CXR/2x1-2M-TBNC	2x1 two pole Type M Reed w/ Twin BNC	2-101-1-2M-TBNC	$ 130.00
CXR/2x1-2C-BNC	2x1 two pole Form C Armature w/ BNC	21-00-10-BNC	$ 40.00
CXR/2x1-2C-TBNC	2x1 two pole Form C Armature w/ Twin BNC	21-00-10-TBNC	$ 50.00
CXR/4x1-1S-BNC	4x1 one pole Type S Reed w/ BNC	21-14-13	$ 105.00
CXR/4x1-1T-BNC-xx (xx= R)	4x1 one pole Terminated Type S Reed w/ BNC	21-14-12	$ 130.00
CXR/4x1-1HS-BNC	4x1 one pole Type S Reed w/ BNC High Isolation	2-444-2-C	$ 150.00
CXR/4x1-1HT-BNC-xx (xx =R)	4x1 High Isolation Terminated w/ BNC	2-444-2-C-Txx	$ 170.00
CXR/4x1-2A-BNC	4x1 two pole armature relay w/ BNC	21-02-10-C-BNC	$ 150.00
CXR/4x1-2A-TBNC	4x1 two pole armature relay w/ Twin BNC	21-02-10-C-TBNC	$ 160.00
CXR/8x1-1S-BNC	8x1 one pole Type S Reed w/ BNC	21-14-11	$ 195.00
CXR/8x1-1T-BNC-xx (xx= R)	8x1 one pole Terminated Type S Reed w/ BNC	21-14-10	$ 205.00
CXR/8x1-1HS-BNC	8x1 one pole Type S Reed w/ BNC High Isolation	2-444-2	$ 255.00
CXR/8x1-1HT-BNC-xx (xx =R)	8x1 High Isolation Terminated w/ BNC	2-444-2-Txx	$ 275.00
CXR/8x1-2A-BNC	8x1 two pole armature relay w/ BNC	21-02-10	$ 235.00
CXR/8x1-2A-TBNC	8x1 two pole armature relay w/ Twin BNC	21-02-10-TBNC	$ 265.00
Special mods requiring 8.75" tall Chassis			
CXR/2(4x1)-2S-BNC	2(4x1) or 8x1 two pole Type S w/ 2 Com ports	2-441-3	$ 275.00
CXR/2(4x1)-2LT-BNC	2(4x1) or 8x1 two pole Low Thermol w/ 2 Coms	6237-00-10	$ 265.00
CXR LOW LEAKAGE HIGH ISOLATION MODULES			
CXR/8x1-1LL-BNC	8x1 Low Leakage Module w/ BNC	21-13-10	$ 610.00
CXR/8x1-1LL-TRX	8x1 Low Leakage Module w/ Triax	21-13-11	$ 670.00
CXR/4x1-1LL-BNC	4x1 Low Leakage Module w/ BNC	21-13-12	$ 400.00
CXR/4x1-1LL-TRX	4x1 Low Leakage Module w/ Triax	21-13-13	$ 450.00
CXR/4x2-1LL-BNC	4x2 Low Leakage Module w/ BNC	21-13-14	$ 550.00
CXR/4x2-1LL-TRX	4x2 Low Leakage Module w/ Triax	21-13-15	$ 610.00
CXR GIGAHERTZ SWITCH MODULES WITH BNC, SMA OR SMB CONNECTORS			
CXR/2x1-G-50 -BNC or -SMA	2x1 one pole failsafe 50 ohm w/ BNC or SMA	30-25-10-BNC or -SMA	$ 70.00
CXR/2x1-G-75 -BNC or -SMB	2x1 one pole failsafe 75 ohm w/ BNC or SMB	30-10-10-1-BNC or -SMB	$ 70.00
CXR/2x1-G-75-F	2x1 one pole failsafe 75 ohm w/ F connector	30-31-10	$ 70.00
CXR/2x2-G-50-BNC or -SMA	2x2 transfer switch 50 ohms w/ BNC or SMA	30-27-10-BNC or -SMA	$ 120.00
CXR/2x2-G-75-BNC or -SMB	2x2 transfer switch 75 ohms w/ BNC or SMB	30-26-10-BNC or -SMB	$ 120.00
CXR/4x1-G-50-BNC or -SMA	4x1 switch module, 50 ohms w/ BNC or SMA	30-17-14-BNC or -SMA	$ 245.00
CXR/4x1-G-75-BNC or -SMB	4x1 switch module, 75 ohms w/ BNC or SMB	30-18-14-BNC or -SMB	$ 245.00
CXR/8x1-G-50-BNC or -SMA	8x1 switch module, 50 ohms w/ BNC or SMA	30-17-10-BNC or -SMA	$ 360.00
CXR/8x1-G-75-BNC or -SMB	8x1 switch module, 75 ohms w/ BNC or SMB	30-18-10-BNC or -SMB	$ 360.00
CXR/4x2-G-50-BNC or -SMA	4x2 switch module, 50 ohms w/ BNC or SMA	30-21-10-BNC or -SMA	$ 340.00
CXR/4x2-G-75-BNC or -SMB	4x2 switch module, 75 ohms w/ BNC or SMB	30-22-10-BNC or -SMB	$ 340.00

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Name	Description	Part number	Price
CXR GIGAHERTZ TERMINATED SWITCH MODULES WITH BNC, SMA OR SMB CONNECTORS			
CXR/2x1-GT-50 -BNC or -SMA	2x1 Terminated module 50 ohm w/ BNC or SMA	21-01-10-BNC or -SMA	$ 115.00
CXR/2x1-GT-75 -BNC or -SMB	2x1 Terminated module 75 ohm w/ BNC or SMB	30-30-10-BNC or -SMB	$ 115.00
CXR/2x1-GT-C-50 -BNCor-SMA	2x1 Terminated common 50 ohm w/ BNC or SMA	30-33-10-BNC or -SMA	$ 85.00
CXR/4x1-GT-50-BNC or -SMA	4x1 Terminated module, 50 ohms w/ BNC or SMA	30-29-14-BNC or -SMA	$ 325.00
CXR/4x1-GT-75-BNC or -SMB	4x1 Terminated module, 75 ohms w/ BNC or SMB	30-19-14-BNC or -SMB	$ 325.00
CXR/8x1-GT-50-BNC or -SMA	8x1 Terminated module, 50 ohms w/ BNC or SMA	30-29-10-BNC or -SMA	$ 550.00
CXR/8x1-GT-75-BNC or -SMB	8x1 Terminated module, 75 ohms w/ BNC or SMB	30-19-10-BNC or -SMB	$ 550.00
CXR POWER DIVIDERS			
CXF/1x8-BNC	1x8 Unity Gain Power Divider w/ BNC connectors	30-16-10-BNC	670.00
CXF/1x8-SMA	1x8 Unity Gain Power Divider w/ SMA connectors	30-16-10-SMA	670.00
DISPLAY MODULES - One required per eight relays for CXAR/64 and CXAR/128.			
CL8	Display / Driver Module	13-00-10-1	$ 65.00
CXAR CONTROL MODULES			
IF-1	16 Bit Parallel TTL Control for CXAR/64 and 128 only	2-072-3	$ 500.00
IF-5C	IEEE488/RS232 Module for CXAR/16 and CXAR/32	11-01-10-2	$ 370.00
IF-5	IEEE488/RS232 Module	6-013-3	$ 525.00
IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
CXAR MANUAL CONTROLS			
PB/16	Pushbutton Manual Control for CXAR/16	11-05-12	$ 260.00
PB/32	Pushbutton Manual Control for CXAR/32	11-05-10	$ 370.00
MC/2	Keypad Manual Control w/ LCD display for CXAR/128	ASY1016	$ 525.00
MC/16x8-TW	16x8 Thumbwheel Manual Control for CXAR/128	ASY1010	$ 420.00
MC/32x4-TW	32x4 Thumbwheel Manual Control for CXAR/128	ASY1011	$ 420.00
MC/64x2-TW	64x2 Thumbwheel Manual Control for CXAR/128	ASY1012	$ 420.00
CXAR ACCESSORIES			
Cables - Length up to 2 Meters			
CBL-BNC50-xx	RG58 Coaxial BNC Cable (xx = length in inches)	99-06-30-xx	$ 20.00
CBL-BNC75-xx	RG59 Coaxial BNC Cable (xx = length in inches)	99-07-30-xx	$ 20.00
CBL-SMA-SR-M-M	RG402 Semi Rigid SMA Interconnect, Male to Male	99-09-30	$ 25.00
CBL-SMA-SR-M-F	RG402 Semi Rigid SMA Interconnect, Male to Female	99-10-30	$ 35.00
CBL-SMA-Flex-M-M	RG316 Flexible SMA interconnect, Male to Male	99-60-30	$ 20.00
All other cables priced per specification and connectors.			
Coaxial Bus Bars			
CXBS/2	BNC Bus bar for connecting two modules	14-02-29	$ 50.00
CXBS/3	BNC Bus bar for connecting three modules	14-03-29	$ 65.00
CXBS/4	BNC Bus bar for connecting four modules	14-04-29	$ 80.00
CXBS/8	BNC Bus bar for connecting eight modules	14-05-29	$ 160.00
CXBS/16	BNC Bus bar for connecting 16 modules	14-06-29	$ 320.00
CXBS/X	BNC Bus bar for connecting X modules	TBD	$ 20.00 x X

CXM SERIES

Name	Description	Part number	Price
CXM MAINFRAMES			
CXM/16-MF	Single Chassis Mainframe	31-11-00	$ 1,050.00
CXM/16-E	Expansion Chassis for use w/ Mesa Controller	31-12-00	$ 1,050.00
CXM/32-MF	Single Chassis Mainframe	31-13-00	$ 1,250.00
CXM/32-E	Expansion Chassis for use w/ Mesa Controller	31-14-00	$ 1,250.00
CXM/64-MF	Single Chassis Mainframe	31-17-00	$ 1,300.00
CXM/64-E	Expansion Chassis for use w/ Mesa Controller	31-10-00	$ 1,300.00
CXM/128-MF	Single Chassis Mainframe	31-15-00	$ 1,500.00
CXM/128-E	Expansion Chassis for use w/ Mesa Controller	31-16-00	$ 1,500.00
CXM/256-MF	Single Chassis Mainframe	31-18-00	$ 1,500.00
CXM/256-E	Expansion Chassis for use w/ Mesa Controller	31-19-00	$ 1,500.00
CXM/8x8-MF	8x8 non-blocking Microwave Matrix w/o controls	31-08-00	$ 21,050.00
CXM/8x8-E	8x8 non-blocking Matrix for Mesa controller	31-09-00	$ 21,050.00
CXM/64-D	64 channel driver chassis w/ IF-5 Control	TBD	$ 2,640.00
CXM/128-D	128 channel driver chassis w/ IF-5 Control	TBD	$ 3,680.00
CXM/256-D	256 channel driver chassis w/ IF-5 Control	TBD	$ 4,000.00
CXM SWITCH MODULES			
CXM/2x1-F-SMA	2x1 Failsafe Microwave Relay	RLY1029	$ 315.00
CXM/2x1-FT-SMA	2x1 Failsafe Terminated Microwave Relay	RLY1043	$ 440.00
CXM/2x2-F-SMA	2x2, transfer / baseball Switch	RLY1044	$ 425.00
CXM/4x1-NO-SMA	4x1 Normally Open Microwave Relay	RLY1030	$ 630.00
CXM/4x1-NO-T-SMA	4x1 Normally Open Terminated Microwave Relay	RLY1045	$ 780.00
CXM/6x1-NO-SMA	6x1 Normally Open Microwave Relay	RLY1031	$ 735.00
CXM/6x1-NO-T-SMA	6x1 Normally Open Terminated Microwave Relay	RLY1037	$ 890.00
CXM/8x1-NO-SMA	8x1 Normally Open Microwave Relay	RLY1032	$ 1,000.00
CXM/8x1-NO-T-SMA	8x1 Normally Open Terminated Microwave Relay	RLY1034	$ 1,450.00
CXM/10x1-NO-SMA	10x1Normally Open Microwave Relay	RLY1033	$ 1,260.00
All other relays priced per specifications			
CXM POWER DIVIDERS			
Priced per specifications			
CXM PROGRAMMABLE ATTENUATORS			
Priced per specifications			
DRIVER MODULES			
CL8-VHP	Display / Driver - For CXM/64 and 128	13-02-10-2	$ 80.00
CL16-VHP	Display / Driver - For CXM/256	13-01-10-2	$ 100.00
CXM CONTROL MODULES			
IF-1	16 Bit Parallel TTL Control for CXM/64 and 128 only	2-072-3	$ 500.00
IF-5C	IEEE488/RS232 Module for CXM/16 and CXM/32	11-01-10-2	$ 370.00
IF-5	IEEE488/RS232 Module for CXM/128 and 256	6-013-3	$ 525.00
IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
CXM MANUAL CONTROLS			
PB/16	Pushbutton Manual Control for CXM/16	11-05-12	$ 260.00
PB/32	Pushbutton Manual Control for CXM/32	11-05-10	$ 370.00
MC/2	Keypad Manual Control w/ LCD display for 128 and 256	ASY1016	$ 525.00
MC/16x8-TW	16x8 Thumbwheel Manual Control for 128	ASY1010	$ 420.00
CXM CABLES			
CBL-SMA-SR-M-M	RG402 Semi Rigid SMA Interconnect, Male to Male	99-09-30	$ 25.00
CBL-SMA-SR-M-F	RG402 Semi Rigid SMA Interconnect, Male to Female	99-10-30	$ 35.00
All other cables priced per specification and connectors.			

CT SERIES

Name	Description	Part number	Price
Chassis with CXR/2x1 Form A or Form C Modules			
CTA/32-MF	32 Channel Mainframe for Form A modules	45-00-00	$ 840.00
CTA/32-E	32 Channel Expansion chassis for Form A modules and Mesa	45-01-00	$ 800.00
CTA/64-MF	64 Channel Mainframe for Form A modules	45-04-00	$ 1050.00
CTA/64-E	64 Channel Expansion chassis for Form A modules and Mesa	45-08-00	$ 1000.00
CTA/128-MF	128 Channel Mainframe for Form A modules	45-06-00	$ 1,200.00
CTA/128-E-PS	128 Channel Expansion chassis for Form A modules and Mesa	45-10-00	$ 1,200.00
CTC/16-MF	32 Channel Mainframe for Form C modules	45-02-00	$ 800.00
CTC/16-E	32 Channel Expansion chassis for Form C modules and Mesa	45-03-00	$ 750.00
CTC/32-MF	32 Channel Mainframe for Form C modules	45-05-00	$ 1,000.00
CTC/32-E	32 Channel Expansion chassis for Form C modules and Mesa	45-09-00	$ 950.00
CTC/64-MF	64 Channel Mainframe for Form C modules	45-07-00	$ 1,200.00
CTC/64-E-PS	64 Channel Expansion chassis for Form C modules and Mesa	45-11-00	$ 1,200.00
CT FORM A SWITCH MODULES FOR CTA CHASSIS (< 400 MHz)			
CXR/2x1-1S -BNC	2x1 one pole Type S Reed w/ BNC	2-101-1-1S	$ 45.00
CXR/2x1-1M-BNC	2x1 one pole Type M Reed w/ BNC	2-101-1-1M	$ 75.00
CXR/2x1-2S-BNC	2x1 two pole Type S Reed w/ BNC	2-101-1-2S	$ 55.00
CXR/2x1-2M-BNC	2x1 two pole Type M Reed w/ BNC	2-101-1-2M	$ 120.00
CXR/2x1-2S-TBNC	2x1 two pole Type S Reed w/ Twin BNC	2-101-1-2S-TBNC	$ 75.00
CXR/2x1-2M-TBNC	2x1 two pole Type M Reed w/ Twin BNC	2-101-1-2M-TBNC	$ 130.00
CXR/2x1-2C-BNC	2x1 two pole Form C Armature w/ BNC	21-00-10-BNC	$ 40.00
CXR/2x1-2C-TBNC	2x1 two pole Form C Armature w/ Twin BNC	21-00-10-TBNC	$ 50.00
CT FORM C SWITCH MODULES WITH BNC, SMA OR SMB CONNECTORS (up to 2.4 GHz)			
CXR/2x1-G-50 -BNC or -SMA	2x1 one pole failsafe 50 ohm w/ BNC or SMA	30-25-10-BNC or -SMA	$ 70.00
CXR/2x1-G-75 -BNC or -SMB	2x1 one pole failsafe 75 ohm w/ BNC or SMB	30-10-10-1-BNC or -SMB	$ 70.00
CXR/2x1-G-75-F	2x1 one pole failsafe 75 ohm w/ F connector	30-31-10	$ 70.00
CXR/2x2-G-50-BNC or -SMA	2x2 transfer switch 50 ohms w/ BNC or SMA	30-27-10-BNC or -SMA	$ 120.00
CXR/2x2-G-75-BNC or -SMB	2x2 transfer switch 75 ohms w/ BNC or SMB	30-26-10-BNC or -SMB	$ 120.00
DRIVER MODULES			
CL8	Display / Driver - For CTx/64 and 128	13-02-10-2	$ 65.00
CTx CONTROL MODULES			
IF-1	16 Bit TTL Control for CTx/64 and 128 only	2-072-3	$ 500.00
IF-5C	IEEE488/RS232 Module for CTx/16 and 32	11-01-10-1	$ 370.00
IF-5	IEEE488/RS232 Module for CTx/128 and 256	6-013-3	$ 525.00
IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
CTx MANUAL CONTROLS			
PB/16	Pushbutton Manual Control for CXM/16	11-05-12	$ 260.00
PB/32	Pushbutton Manual Control for CXM/32	11-05-10	$ 370.00
MC/2	Keypad Manual Control w/ LCD display for 128 and 256	ASY1016	$ 525.00

Name	Description	Part number	Price

CXB SERIES

CXB MATRIX UNITS

CXB/16x8-MF	16x8 single pole Matrix Mainframe	20-01-00	$ 1,200.00
CXB/16x8-E	16x8 single pole Matrix Expansion Chassis for Mesa	TBD	$ 1,100.00
CXB/32x4-MF	32x4 single pole Matrix Mainframe	20-04-00	$ 1,200.00
CXB/32x4-E	32x4 single pole Matrix Expansion Chassis for Mesa	20-02-00	$ 1,100.00
CXB/16x8-2-E	16x8 two pole Matrix Expansion Chassis for Mesa	20-03-00	$ 1,100.00

CXB SWITCH MODULES

CXB/8x1-1S-BNC	8x1 one pole, Type S switch module	20-05-10	$ 160.00
CXB/8x1-1M-BNC	8x1 one pole, Type M switch module	20-05-10-M	$ 260.00
CXB/2x4-1S-BNC	2x4 one pole, Type S switch module	2-469-1	$ 160.00
CXB/2x4-1M-BNC	2x4 one pole, Type M switch module	2-469-1-M	$ 260.00
CXB/8x1-2S-BNC	8x1 two pole, Type S switch module	20-91-10	$ 200.00
CXB/8x1-2M-BNC	8x1 two pole, Type M switch module	2-206-4	$ 650.00
CXB/2x4-2S-BNC	2x4 two pole, Type S switch module	2-469-1-2	$ 200.00
CXB/2x4-2M-BNC	2x4 two pole, Type M switch module	2-469-1-2M	$ 650.00
CXB/2(4x1)-1S-BNC	Dual 4x1 one pole, Type S switch module	2-206-5	$ 160.00
CXB/2(4x1)-1M-BNC	Dual 4x1 one pole, Type M switch module	2-206-5-M	$ 260.00
CXB/2(4x1)-2S-BNC	Dual 4x1 two pole, Type S switch module	2-206-5-2	$ 200.00
CXB/2(4x1)-2M-BNC	Dual 4x1 two pole, Type M switch module	2-206-5-2M	$ 650.00

DISPLAY MODULES - One required per switch module.

CL8	Display / Driver Module	13-00-10-1	$ 65.00

CXF SERIES

CXF MAINFRAMES (includes IF-5 Control Module)

CXF/8x8-50-SMA-MF	8x8 Matrix Mainframe w/ SMA and IF-5 Control	30-23-00-SMA	$ 11,150.00
CXF/8x8-50-BNC-MF	8x8 Matrix Mainframe w/ BNC and IF-5 Control	30-23-00-BNC	$ 11,150.00
CXF/8x8-50-SMA-E	8x8 Matrix w/ SMA for Mesa Controller	30-24-00-SMA	$ 10,500.00
CXF/8x8-50-BNC-MF	8x8 Matrix w/ BNC for Mesa Controller	30-24-00-BNC	$ 10,500.00

CXG SERIES

CXG MAINFRAMES (includes IF-5 Control Module in Mainframes)

CXG/4x8-xx-xxx	4x8 Matrix Mainframe w/ options per below	30-14-00-xx-xxx	$ 5,860.00
CXG/4x8-xx-xxx-E	4x8 Matrix Expansion Chassis w/ options per below	30-15-00-xx-xxx	$ 5,260.00
CXG/8x8-xx-xxx	8x8 Matrix Mainframe w/ options per below	30-12-00-xx-xxx	$ 8,550.00
CXG/8x8-xx-xxx-E	8x8 Matrix Expansion Chassis w/ options per below	30-13-00-xx-xxx	$ 8,000.00
CXG-TO	Terminated input option for all versions add	TBD	$ 1,575.00

xx = 50 or 75 ohm, xxx = BNC, SMA or SMB Connectors

CXB, CXF and CXG CONTROL MODULES

IF-1	16 Bit Parallel TTL Control for CXB only	2-072-3	$ 500.00
IF-5	IEEE488/RS232 Module	6-013-3	$ 525.00
IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-6X	External TCP/IP LAN (requires an IF-5)	ASY1025	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00

CXB, CXF and CXG MANUAL CONTROLS

MC/2	Keypad Manual Control w/ LCD display for CXF and CXG	ASY1016	$ 525.00
MC/16x8-TW	16x8 Thumbwheel Manual Control for CXB/16x8	ASY1010	$ 420.00
MC/32x4-TW	32x4 Thumbwheel Manual Control for CXB/32x4	ASY1011	$ 420.00

Name	Description	Part number	Price

CXL SERIES

CXL/8x8-50-SMA	8x8 Matrix Mainframe w/ IEEE488 and RS232 and SMAs	30-07-00-SMA	$ 3,500.00
CXL/8x8-50-BNC	8x8 Matrix Mainframe w/ IEEE488 and RS232 and BNCs	30-07-00-BNC	$ 3,500.00
CXL/32x4-50-SMA	32x4 Matrix Mainframe w/ IEEE488 and RS232 and SMAs	62-00-00-SMA	$ 4,500.00
CXL/32x4-50-BNC	32x4 Matrix Mainframe w/ IEEE488 and RS232 and BNCs	62-00-00-BNC	$ 4,500.00

CXL CONTROL OPTIONS (add)

IF-6	Internal TCP/IP LAN	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor	ASY1033	$ 70.00
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

CXS SERIES

CXS SWITCH CHASSIS

CXS/16(8x1)-MF	CXS Mainframe for 8x1 Modules	21-17-00-G	$ 2,250.00
CXS/16(8x1)-E	CXS 8x1 Module Expansion Chassis for Mesa Controller	21-18-00-G	$ 2,250.00
CXS/8(16x1)-MF	CXS Mainframe for 16x1 Modules	5838-01-00-G	$ 2,250.00
CXS/8(16x1)-E	CXS 16x1Module Expansion Chassis for Mesa Controller	5838-00-00-G	$ 2,250.00
CXS/4(32x1)-E	CXS 32x1 Module Expansion Chassis for Mesa Controller	6421-00-00-G	$ 2,650.00

CXS SWITCH MODULES

CXS/8X1-GT-75-BNC	8x1 75 Ohm switch module with BNC connectors	64-00-10	$640.00
CXS/8X1-GT-75-F	8x1 75 Ohm switch module with F connectors	64-01-10	$640.00
CXS/16X1-GT-75-F	16x1 75 Ohm switch module with F connectors	64-02-10	$1050.00

CXS SWITCH MODULE DISPLAY / DRIVERS

CLS/8	8 channel driver with LED display	13-00-10-1G	$ 90.00
CLS/16	16 channel driver with LED display	13-01-10-2G	$120.00

CXS EXPANSION CHASSIS CONTROLLER

CXS-M	Mesa Controller for CXS-E chassis w/LAN and manual control	16-12-00-G	$ 3,600.00

CXS MATRICES (standard with IEEE488 and RS232 Control)

CXS/16x16-50-SMA-MF	16x16 non-blocking 50 ohm matrix w/ SMA connectors	64-09-00	$ 20,560.00
CXS/16x16-50-SMA-E	Same as above but expansion chassis for Mesa Controller	64-10-00	$ 20,010.00
CXS/16x16-FF-50-SMA-MF	16x16 full fan-out 50 ohm matrix w/ SMA connectors	64-07-00	$ 22,560.00
CXS/16x16-FF-50-SMA-E	Same as above but expansion chassis for Mesa Controller	64-08-00	$ 22,010.00

CXS MATRIX CONTROL OPTIONS

IF-6	Internal TCP/IP LAN	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor	ASY1033	$ 70.00
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

HXV SERIES

Name	Description	Part number	Price
HXV CHASSIS			
HXV/32-MF	32 Channel Mainframe	32-08-00	$ 900.00
HXV/32-E-PS	32 Channel Expansion Chassis for Mesa Controller	32-10-00	$ 900.00
HXV/96-MF	96 Channel Mainframe	32-07-10	$ 1,200.00
HXV/96-E-PS	96 Channel Expansion Chassis for Mesa Controller	32-12-00	$ 1,200.00
HXV/128-MF	128 Channel Mainframe	32-13-10	$ 1,500.00
HXV/128-E-PS	128 Channel Expansion Chassis for Mesa Controller	32-14-00	$ 1,500.00
HXV SWITCH MODULES			
HXV/8x1-BP	8x1 Switch Module w/ 3 way binding post connectors	32-15-10	$ 525.00
HXV/8x1-SHV	8x1 Switch Module w/ SHV connectors	32-15-11	$ 720.00
HXV/4x2-BP	4x2 Switch Module w/ 3 way binding post connectors	2-482	$ 500.00
HXV/4x2-SHV	4x2 Switch Module w/ SHV connectors	2-482-SHV	$ 680.00
HXV/8K-BP	8 discrete relay Switch Module w/ BP connectors	32-00-10	$ 655.00
HXV/8K-SHV	8 discrete relay Switch Module w/ SHV connectors	32-00-11	$ 875.00
DISPLAY MODULES			
CL8	Display / Driver Module for HXV/96 and HXV/128	13-00-10-1	$ 65.00
HXV CONTROL MODULES			
IF-1	16 Bit TTL Control for HXV/96 and 128 only	2-072-3	$ 500.00
IF-5C	IEEE488/RS232 Module for HXV/32 only	11-01-10-1	$ 370.00
IF-5	IEEE488/RS232 Module for HXV/96 and 128	6-013-3	$ 525.00
IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
HXV MANUAL CONTROLS			
PB/32	Pushbutton Manual Control for HXV/32	11-05-10	$ 370.00
MC/2	Keypad Manual Control w/ LCD display for HXV/128	ASY1016	$ 525.00
MC/16x8-TW	16x8 Thumbwheel Manual Control for HXV/128 only	ASY1010	$ 420.00

HDX SERIES

HDX CHASSIS			
HDX-MF	Mainframe Chassis (all configurations)	46-00-00	$ 1,575.00
HDX-E-PS	Expansion Chassis for Mesa Controller	46-01-00	$ 1,575.00
HDX SWITCH MODULES			
HDX/8(2X8)-2S	HDX Switch Module (all configurations)	46-01-10	$ 1,075.00
HDX CONTROL MODULES			
IF-5	IEEE488/RS232 Module	6-013-3	$ 525.00
IF-6	Optional Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	Optional USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
HDX MANUAL CONTROLS			
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

JX SERIES

Name	Description	Part number	Price
JX CHASSIS			
JX/256-MF	Mainframe Chassis	24-02-00	$ 1,260.00
JX/256-MF-HP	Mainframe Chassis w/ 7.5 amp supply	24-17-00	$ 1,360.00
JX/256-E	Expansion Chassis for use with a Mesa	24-06-00	$ 1,100.00
JX/256-E-PS	Expansion Chassis for Mesa w/ Power supply	24-04-00	$ 1,260.00
JX SWITCH MODULES			
JX16/L1S	1 Pole, 2(8x1) or 16x1, Type S, 10 and 34 pin headers	4-060	$ 230.00
JX16/L1M	1 Pole, 2(8x1) or 16x1, Type M, 10 and 34 pin headers	4-060-M	$ 500.00
JX16/K1S-VA	1 Pole, discrete relays, Type S, 34 pin header, version A	4-004-2	$ 230.00
JX16/K1M-VA	1 Pole, discrete relays, Type M, 34 pin header, version A	4-004-2-M	$ 500.00
JX16/K1S-VB	1 Pole, discrete relays, Type S, 34 pin header, version B	24-07-10	$ 230.00
JX16/K1M-VB	1 Pole, discrete relays, Type M, 34 pin header, version B	24-07-10-M	$ 500.00
JX16/K1HV-VB	1 Pole, discrete relays, Hi Voltage, 34 pin header, ver B	24-07-10-HV	$ 310.00
JX16/AB-1S	1 Pole, 8x2, Type S, 10 and 16 pin headers	4-040-1	$ 230.00
JX16/AB-1M	1 Pole, 8x2, Type S, 10 and 16 pin headers	4-040-1-M	$ 500.00
JX16/KCS	1 Pole, Discrete relay, Form C, Type S	24-12-10	$ 370.00
JX16/KCM	1 Pole, Discrete relay, Form C, Type M	24-12-10-M	$ 640.00
JX16/KCA	1 Pole, Discrete relay, Form C, Armature	24-02-10	$ 370.00
JX16/KP	1 Pole, Discrete relay, 16 Type P, Form A, D37 conn	24-14-10	$ 380.00
JX8/KPC-D37	1 Pole, Discrete relay, 8 Type P, Form C, D37 conn	24-14-11	$ 290.00
JX8/KPC-ST	1 Pole, Discrete relay, 8 Type P, Form C w/ Screw Terms	24-00-10	$ 290.00
JX16/L2S	2 Pole, 2(8x1) or 16x1, Type S, 10 and 34 pin headers	24-11-10	$ 290.00
JX16/L2M	2 Pole 2(8x1) or 16x1, Type M, 10 and 34 pin headers	24-11-10-M	$ 900.00
JX16/L2LT	2 Pole 2(8x1) or 16x1, Type LT, 10 and 34 pin headers	24-11-10-LT	$ 450.00
JX16/AB-2S	2 Pole, 8x2, Type S, 10 and 16 pin headers	4-059	$ 290.00
JX16/AB-2M	2 Pole, 8x2, Type M, 10 and 16 pin headers	4-059-M	$ 900.00
JX16/4(4x1)-2S	2 Pole, 4(4x1) Type S, 10 and 34 pin headers	24-15-10	$ 290.00
JX16/4(4x1)-2M	2 Pole, 4(4x1) Type M, 10 and 34 pin headers	24-15-10-M	$ 900.00
JX16/4(4x1)-2LT	2 Pole, 4(4x1) Type LT, 10 and 34 pin headers	24-15-10-LT	$ 450.00
JX16/L2-TX	2 Pole, Armature, Low Thermal or Type M replacement	24-10-10	$ 300.00
JX32/L-2A	2 Pole, 32x1, Form A, Armature relay	24-01-10	$ 420.00
JX32/4(8x1)-2A	2 Pole, 4(8x1) or 2(16x1), Form A, Armature, D78	24-13-10	$ 420.00
JX32/L1S-D37	1 Pole, 32x1 shielded, Form A, D37 connector	24-18-10	$ 365.00
JX32/AB-1-S	1 Pole, 16x2, Type S,	24-09-10	$ 365.00
JX32/AB-1-M	1 Pole, 16x2, Type M,	24-09-10-M	$ 950.00
JX8/K-HP	1 Pole, 8 discrete Form A relays, ST conn, takes 2 slots	24-16-10	$ 450.00
JX4/KC-HP	1 Pole, 4 discrete Form C relays, ST conn, 2 slots	24-16-11	$ 280.00
JX-Proto-I/O	Prototype Module w/ 2803 relay drivers	4-049	$ 130.00
JX/SIO	Signal I/O Module for common slot	4-058	$ 80.00
CONTROL MODULES			
IF-J1	16 Bit Parallel TTL Control Module	4-012	$ 500.00
IF-J5	IEEE488/RS232 Module	24-19-10	$ 525.00
OPTIONS			
MC-2	Keypad Manual Control with Display	ASY1016	$ 525.00
IF-J6	External TCP/IP LAN (requires an IF-J5)	ASY1025	$ 525.00
IF-7USB	USB to RS232 Convertor (requires an IF-J5)	ASY1033	$ 75.00

VX SERIES

Name	Description	Part number	Price
VX CHASSIS (specify -BNC for BNC connectors or -ST for Screw terminal connectors on Motherboard)			
VX/256-MF (-BNC or -ST)	256 channel Mainframe w/ BNC or ST conns	26-02-00	$ 1,250.00
VX/256-E (-BNC or -ST)	Expansion Chassis for use w/ Mesa Controller	26-03-00	$ 1,150.00
VX/4(1x4) Modules with the following configuration and connector options:			
4(1x4) is for x4 configurations. Replace 4(1x4) with 2(1x8) for 32x8 configurations and (1x16) for 16x16 configurations			
-N= BNC Receptacles, -ST=Screw Terminals, -TBNC = Twin BNC. ST version includes screw terminal mates.			
VX/4(1x4)-1S (-N, -ST or -BNC)	1 Pole, Type S relays, choose connectors	6-053-1S	$ 190.00
VX/4(1x4)-1M (-N, -ST or -BNC)	1 Pole, Type M relays, choose connectors	6-053-1M	$ 360.00
VX/4(1x4)-2S (-N, -ST or -BNC)	2 Pole, Type S relays, choose connectors	6-053-2S	$ 250.00
VX/4(1x4)-2LT (-N, -ST or -BNC)	2 Pole, Low Thermal relays, choose connectors	6-053-2LT	$ 365.00
VX/4(1x4)-2M (-N, -ST or -BNC)	2 Pole, Type M relays, choose connectors	6-053-2M	$ 800.00
VX/4(1x4)-2HV(-N, -ST or -BNC)	2 Pole, High Voltage relays, choose connectors	26-09-10-2HV	$ 365.00
-TBNC	Twin BNC Connector option	TBD/ Per Connector	$ 25.00
VX16/G Modules (requires signal I/O mod and limits mainframe to 15 switch modules)			
VX16/G-1S	1 Pole, Type S relays, two 20 pin headers	26-08-12-S	$ 200.00
VX16/G-1M	1 Pole, Type M relays, two 20 pin headers	26-08-12-M	$ 450.00
VX16/G-2S	2 Pole, Type S relays, two 20 pin headers	26-08-10	$ 255.00
VX16/G-2LT	2 Pole, Type LT relays, two 20 pin headers	26-08-10-LT	$ 425.00
VX16/G-2M	2 Pole, Type M relays, two 20 pin headers	26-08-10-M	$ 790.00
VX16/G3-S	3 Pole, Type S relays, 50 pin header	6-035	$ 365.00
VX16/GC-S	1 Pole, Type S, Form C, two 20 pin headers	26-08-13	$ 245.00
G Module signal I/O modules			
VX16/G2-SIO	1 or 2 Pole Signal I/O	26-08-11	$ 45.00
VX16/G3-SIO	3 Pole Signal I/O	6-035-SIO	$ 75.00
VX16/K Modules (discrete relays)			
VX16/KA-1S	1 Pole, Type S, Form A discrete relays	6-018-1	$ 200.00
VX16/KA-1M	1 Pole, Type M, Form A discrete relays	6-018-1-M	$ 450.00
VX16/KC-S	1 Pole, Type S, Form C discrete relays	6-025-1	$ 280.00
VX16/KC-M	1 Pole, Type M, Form C discrete relays	6-025-1-M	$ 775.00
Specialty Modules			
VXC/4x4-SMA	Discrete 4x4 Coaxial Matrix with SMA	6-029	$ 365.00
VXC/8X2-SMA	8x2 Coaxial Module with SMA	6-030-1	$ 385.00
VX/2x2-LL	Low Leakage / High voltage Module	26-04-10	$ 600.00
DISPLAY MODULES (one required for each switch module)			
CL16	16 channel Display / Driver Module	26-00-10-1	$ 95.00
VX CONTROL MODULES			
IF-1	16 Bit TTL Control	2-072-3	$ 500.00
IF-5	IEEE488/RS232 Module	6-013-3	$ 525.00
IF-6	External TCP/IP LAN (requires an IF-5)	ASY1025	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
VX MANUAL CONTROLS			
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00
MC/16x16-TW	16x16 Thumbwheel Manual Control	ASY1013	$ 420.00
MC/32x8-TW	32x8 Thumbwheel Manual Control	ASY1014	$ 420.00
MC/64x4-TW	64x4 Thumbwheel Manual Control	ASY1015	$ 420.00

GX SERIES (Group Switch)

Name	Description	Part number	Price
GX/16-200	16 Channel Control Chassis for GX/200 Modules	34-01-00	$ 1,150.00
GX/16	16 channel Control Chassis for all other modules	XXXX-00-00	$ 1,150.00
GX/32	32 channel Control Chassis for all other modules	XXXX-00-00	$ 1,450.00
GX/E-200	Expansion Chassis for GX 200 Modules	34-02-00	$ 900.00
GX/E	Expansion Chassis for Group Switch controllers	XXXX-01-00	$ 900.00
GX Modules			
GX/200-50H	200 Pole module w/ Type A relays, 50 pin headers	34-02-10	$ 600.00
GX/200-50H-SIO	200 Pole Signal I/O module, 50 pin headers	34-03-10	$ 250.00
GX CONTROL MODULES			
IF-1	16 Bit Parallel TTL Control	2-072-3-GX	$ 800.00
IF-5C	IEEE488/RS232 Module for GX/16 and GX/32	11-01-10-1	$ 370.00
IF-6	Internal TCP/IP LAN (requires an IF-5C)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
GX MANUAL CONTROLS			
PB/16	Pushbutton Manual Control for GX/16	11-05-12	$ 260.00
PB/32	Pushbutton Manual Control for GX/32	11-05-10	$ 370.00

PX SERIES

Chassis			
One pole			
PX/512-1-MF-BNC	1 Pole Mainframes Chassis w/ BNC	33-02-00	$ 1,300.00
PX/512-1-MF-H	1 Pole Mainframes Chassis w/ Headers	33-03-00	$ 1,300.00
PX/512-1-MF-ST	1 Pole Mainframes Chassis w/ Screw Terminals	33-04-00	$ 1,300.00
PX/512-1-E-BNC	1 Pole Expansion Chassis w/ BNC	33-05-00	$ 1,200.00
PX/512-1-E-H	1 Pole Expansion Chassis w/ Headers	33-06-00	$ 1,200.00
PX/512-1-E-ST	1 Pole Expansion Chassis w/ Screw Terminals	33-07-00	$ 1,200.00
Two Pole			
PX/512-2-MF-(BNC or H)	2 Pole Mainframes Chassis w/ BNC or Header	33-08-00	$ 1,300.00
PX/32x16-2-MF-ST	2 Pole 32x16 Mainframes Chassis w/ Screw terms	33-00-00	$ 1,300.00
PX/64x8-2-MF-ST	2 Pole 64x8 Mainframes Chassis w/ Screw terms	33-01-00	$ 1,300.00
PX/512-2-E-(BNC or H)	2 Pole Expansion Chassis w/ BNC or Header	33-12-00	$ 1,200.00
PX/32x16-2-E-ST	2 Pole 32x16 Expansion Chassis w/ Screw terms	33-13-00	$ 1,200.00
PX/64x8-2-E-ST	2 Pole 64x8 Expansion Chassis w/ Screw terms	33-14-00	$ 1,200.00
Switch Modules (specify -BNC, -ST or -H for BNC or Screw Terminals or Header connectors)			
PX/2x16-1S-(BNC, ST or H)	1 Pole, 2x16, Type S with BNC or ST or H	3-104-1A-(BNC, ST or H)	$ 350.00
PX/4(1x8)-1S-(BNC, ST or H)	1 Pole, 4(1x8), Type S with BNC or ST or H	3-104-1B-(BNC, ST or H)	$ 350.00
PX/2x16-2S-(BNC, ST or H)	2 Pole, 2x16, Type S with BNC or ST or H	33-16-10-(BNC, ST or H)	$ 500.00
PX/2x16-2M-(BNC, ST or H)	2 Pole, 2x16, Type M with BNC or ST or H	33-16-10-M-(BNC, ST or H)	$ 1,600.00
PX/2x16-2LT-(BNC, ST or H)	2 Pole, 2x16, Type LT with BNC or ST or H	33-16-10-LT-(BNC, ST or H)	$ 800.00
PX/2x16-2HV-(BNC, ST or H)	2 Pole, 2x16, Type HV with BNC or ST or H	33-16-10-HV-(BNC, ST or H)	$ 900.00
PX/2(2x8)-2S-(BNC, ST or H)	2 Pole, 2(2x8), Type S with BNC or ST or H	33-16-11-(BNC, ST or H)	$ 500.00
PX/2(2x8)-2M-(BNC, ST or H)	2 Pole, 2(2x8), Type M with BNC or ST or H	33-16-11-M-(BNC, ST or H)	$ 1,600.00
PX/2(2x8)-2LT-(BNC, ST or H)	2 Pole, 2(2x8), Type LT with BNC or ST or H	33-16-11-LT-(BNC, ST or H)	$ 800.00
PX/2(2x8)-2HV-(BNC, ST or H)	2 Pole, 2(2x8), Type HV with BNC or ST or H	33-16-11-HV-(BNC, ST or H)	$ 900.00
CONTROL MODULES			
IF-P5	IEEE488/RS232 Control Module	6-013-3	$ 525.00
IF-6	Internal TCP/IP LAN (requires an IF-5C)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
MANUAL CONTROLS			
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

Name	Description	Part number	Price

PC SERIES

PC-B SWITCH MODULES (ISA BUS)

PC-B/K-16S	1 Pole, 16 Discrete relays, Type S	8-006-1	$ 350.00
PC-B/MX16S	2 Pole, 1x16 (Mux only), Type S	8-003-1	$ 350.00
PC-B/2(8x1)S	2 Pole, 2(8x1) or 16x1, Type S	8-009-1	$ 370.00
PC-B/2(8x1)M	2 Pole, 2(8x1) or 16x1, Type M	8-009-1-M	$ 950.00
PC-B/30x1S	1 Pole, 30x1, Type S	8-009-1-B	$ 400.00
PC-B/24	Relay Driver Module	8-008	$ 285.00

PCI MODULES (PCI BUS)

PCI/32DRV	32 Channel Driver Module	28-00-10	$ 475.00
PCI/2(8x1)-2A	2 Pole, 2(8x1) or 16x1, Armature relays	28-01-10-1	$ 525.00

VXI BUS MODULES

VXI C SIZE MODULES

MULTIPLEXERS

CY/128-2S	2 Pole, 8(8x1), Type S	9-002-2	$ 1,600.00
CY/128-LT	2 Pole, 8(8x1), Type LT	9-002-2-LT	$ 2,000.00
CY/128-2M	2 Pole, 8(8x1), Type M (vertical op only)	9-002-2-M	$ 3,400.00

INDIVIDUAL SWITCHES

CY/64K-S	1 Pole, Type S	9-010-1	$ 1,600.00
CY/64K-M	1 Pole, Type M	9-010-1M	$ 2,400.00
CY/64KC	1 Pole, Type S	9-030-1	$ 1,700.00
CY/64DRV-SNK, -SRC	Relay Driver Module, sink or source	9-028	$ 1,100.00
CY/32KCP	1 Pole, 32 discrete Power Relays	9-008-1	$ 1,400.00

MATRICES

CY/64x2-S	1 Pole, 64x2, Type S	9-022	$ 1,800.00
CY/8x8-2S	2 Pole, 8x8, Type S	9-006-2	$ 1,600.00
CY/8x8-1S	1 Pole, 8x8, Type S	9-006	$ 1,350.00
CY/8x8-2M	2 Pole, 8x8, Type M	9-006-2M	$ 3,400.00
CY/8x8-1M	1 Pole, 8x8, Type M	9-006-M	$ 2,400.00
CY/8x8-2LT	2 Pole, 8x8, Type LT	9-006-2LT	$ 1,950.00
CY/CX-2(8x4)	1 Pole, 2(8x4), 50 ohm Coaxial Matrix	9-014-3A	$ 2,600.00
CY/CX-8x8	1 Pole, 8x8, 50 ohm Coaxial Matrix	9-014-3B	$ 2,400.00
CY/CX-16x4	1 Pole, 16x4, 50 ohm Coaxial Matrix	9-014-3C	$ 2,600.00
CY/16x8-A	2 Pole, 16x8, Type A	9-024	$ 2,500.00

VME BUS MODULES

VME or VXI B SIZE MODULES

VM/24 KCP	1 Pole, Form C, Power Relays	9-204	$ 1,100.00
VM/24DRV	24 Channel Relay Driver Module	9-212	$ 750.00
VM/8-4x1-2S	2 Pole, 8(4x1) Multiplexers, Type S	9-200-1	$ 1,000.00
VM/8-4x1-2M	2 Pole, 8(4x1) Multiplexers, Type M	9-200-1-M	$ 1,800.00
VM/8-4x1-2LT	2 Pole, 8(4x1) Multiplexers, Type LT	9-200-1-LT	$ 1,400.00
VM/8x4-2S	2 Pole, 8x4 Matrix, Type S	9-208	$ 1,000.00
VM/8x4-2M	2 Pole, 8x4 Matrix, Type M	9-208-M	$ 1,800.00
VM/8x4-2LT	2 Pole, 8x4 Matrix, Type LT	9-208-LT	$ 1,400.00
VM/32K-S	1 Pole, 32 Discrete Form A Type S Relays	9-202	$ 750.00
VM/32K-M	1 Pole, 32 Discrete Form A Type M Relays	9-202-M	$ 1,800.00
VM/8x8CX	1 Pole, 8x8 Coaxial Matrix, SMA	9-206-1	$ 1,750.00
VM/2(4x4)-CX	1 Pole, 2(4x4) or 4x8 Coaxial Matrix, SMA	9-206-1B	$ 1,300.00
VM/16x16-V	Solid State 16x16 Video or RF Matrix, SMB	40-00-10	$ 3,000.00

RS SERIES

Name	Description	Part number	Price
RS MULTIPLEXER CHASSIS			
RS/16-MF	16 Module Mainframe	25-05-00	$ 900.00
RS/16-E	16 Module Expansion Chassis for Mesa Control	25-06-00	$ 850.00
RS SWITCH MODULES			
RS/9-P	9 Pole Switch Module w/ D9 Male (Pin)	25-02-10-P	$ 90.00
RS/9-S	9 Pole Switch Module w/ D9 Female (Socket)	25-02-10-S	$ 90.00
RS/15-P	15 Pole Switch Module w/ D15 Male (Pin)	25-00-10-P	$ 120.00
RS/15-S	15 Pole Switch Module w/ D15 Female (Socket)	25-00-10-S	$ 120.00
RS/25-P	25 Pole Switch Module w/ D25 Male (Pin)	25-01-10-P	$ 175.00
RS/25-S	25 Pole Switch Module w/ D25 Female (Socket)	25-01-10-S	$ 175.00
RS/9-SIO-P	9 Pole Signal I/O w/ D9 Male (Pin)	25-02-11-P	$ 35.00
RS/9-SIO-S	9 Pole Signal I/O w/ D9 Female (Socket)	25-02-11-S	$ 35.00
RS/15-SIO-P	15 Pole Signal I/O w/ D15 Male (Pin)	25-00-11-P	$ 40.00
RS/15-SIO-S	15 Pole Signal I/O w/ D15 Female (Socket)	25-00-11-S	$ 40.00
RS/25-SIO-P	25 Pole Signal I/O w/ D25 Male (Pin)	25-01-11-P	$ 45.00
RS/25-SIO-S	25 Pole Signal I/O w/ D25 Female (Socket)	25-01-11-S	$ 45.00
RS CONTROL MODULES			
IF-1	16 Bit TTL Control	2-072-3	$ 500.00
IF-5C	IEEE488/RS232 Module	11-01-10-1	$ 370.00
IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
MANUAL CONTROLS			
PB/16	Pushbutton Manual Control for CXM/16	11-05-12	$ 260.00

RSM MATRICES

RSM MAINFRAMES			
RSM/16x8-MF	9, 15 or 25 Pole 16x8 Matrix Mainframe	42-01-00-A	$ 1,460.00
RSM/32x4-MF	9, 15 or 25 Pole 32x4 Matrix Mainframe	42-01-00-B	$ 1,460.00
RSM/2(16x4)-MF	9, 15 or 25 Pole Dual 16x4 Matrix Mainframe	42-01-00-C	$ 1,460.00
RSM/16x8-E-PS	9, 15 or 25 Pole 16x8 Matrix Expansion Chassis	42-04-00-A	$ 1,460.00
RSM/32x4-E-PS	9, 15 or 25 Pole 32x4 Matrix Expansion Chassis	42-04-00-B	$ 1,460.00
RSM/2(16x4)-E-PS	9, 15 or 25 Pole Dual 16x4 Matrix Exp. Chassis	42-04-00-C	$ 1,460.00
RSM SWITCH MODULES			
RSM/1x8-9-S	9 Pole Switch Module with Female D9	42-00-10	$ 375.00
RSM/1x8-15-S	15 Pole Switch Module with Female D15	42-00-11	$ 500.00
RSM/1x8-25-S	25 Pole Switch Module with Female D25	42-00-12	$ 735.00
RSM/2(1x4)-9-S	9 Pole Switch Module with Female D9	42-00-13	$ 400.00
RSM/2(1x4)-15-S	15 Pole Switch Module with Female D15	42-00-14	$ 525.00
RSM/2(1x4)-25-S	25 Pole Switch Module with Female D25	42-00-15	$ 785.00
DISPLAY MODULES - One required per switch module.			
CL8	Display / Driver Module	13-00-10-1	$ 65.00
RSM CONTROL MODULES			
IF-1	16 Bit Parallel TTL Control	2-072-3	$ 500.00
IF-5	IEEE488/RS232 Module	6-013-3	$ 525.00
IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-6X	External TCP/IP LAN (requires an IF-5)	ASY1025	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
RSM MANUAL CONTROLS			
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00
MC/16x8-TW	16x8 Thumbwheel Manual Control	ASY1010	$ 420.00
MC/32x4-TW	32x4 Thumbwheel Manual Control	ASY1011	$ 420.00

RJ SERIES

RJM SERIES MATRICES

Name	Description	Part number	Price
RJM CHASSIS (specify 16x8, 32x4 or 2(16x4) configuration)			
RJM/128-MF	Mainframe Chassis	37-00-00	$ 1,250.00
RJM/128-E	Expansion Chassis	37-01-00	$ 1,150.00
RJM SWITCH MODULES			
RJM/2(1x4)-2A	2 Pole 2(1x4) or 1x8, pick pins 1-2, 3-6, 4-5, or 7-8	7-028-2	$ 160.00
RJM/2(1x4)-4A	4 Pole 2(1x4) or 1x8, pick pins 1-2+ 3-6, or 4-5+3-6	7-028-4	$ 210.00
RJM/2(1x4)-8A	8 Pole 2(1x4) or 1x8	7-028-8	$ 295.00
DISPLAY MODULES - One required per switch module.			
CL8	Display / Driver Module	13-00-10-1	$ 65.00
RJM CONTROL MODULES			
IF-1	16 Bit Parallel TTL Control	2-072-3	$ 500.00
IF-5	IEEE488/RS232 Module	6-013-3	$ 525.00
IF-6	External TCP/IP LAN (requires an IF-5)	ASY1025	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
RJM MANUAL CONTROLS			
MC/16x8-TW	16x8 Thumbwheel Manual Control	ASY1010	$ 420.00
MC/32x4-TW	32x4 Thumbwheel Manual Control	ASY1011	$ 420.00

RJV SERIES

RJV CHASSIS			
RJV/48-MF	4 slot Mainframe (Accepts up to 4 modules)	27-29-00	$ 1,150.00
RJV/144-MF	12 slot Mainframe (Accepts up to 4 modules)	27-00-00	$ 1,450.00
RJV/48-E	4 slot Expansion Chassis used w/ Mesa Controller	27-30-00	$ 1,050.00
RJV/144-E-PS	12 slot Expansion Chassis w/ power supply	27-08-00	$ 1,450.00
BFP-1	Blank Filler Panels (one per void slot)	14-42-71	$ 12.00
RJV SWITCH MODULES			
RJV/12x1-2-TS-45	2 pole 12x1 Module switching pins 4 and 5	27-06-12	$ 550.00
RJV/12x1-2-TS-36	2 pole 12x1 Module switching pins 3 and 6	27-06-13	$ 550.00
RJV/12x1-2-TS-12	2 pole 12x1 Module switching pins 1 and 2	27-06-14	$ 550.00
RJV/12x1-2-TS-78	2 pole 12x1 Module switching pins 7 and 8	27-06-15	$ 550.00
RJV/12x1-4-TS-1236	4 pole 12x1 Module switching pins 1,2,3 and 6	27-06-11	$ 575.00
RJV/12x1-4-TS-1278	4 pole 12x1 Module switching pins 1,2,7 and 8	27-06-16	$ 575.00
RJV/12x1-8-TS	8 pole 12x1 Module switching all pins	27-06-10	$ 675.00
RJV/6x2-4-TX	4 pole 6x2 Module switching pins 1,2,3 and 6	27-01-11	$ 555.00
RJV/6x4-4-TX	4 pole 6x4 Module switching pins 1,2,3 and 6	27-01-10	$ 675.00
RJV/4(2x1)-4	4 pole 4(2x1) Module switching pins 1,2,4, and 5	27-07-11	$ 460.00
RJV/4(2x1)-8	8 pole 4(2x1) Module	27-07-10-1	$ 500.00
RJV/4(2x1)-8-Latching	8 pole 4(2x1) Module w/ Latching relays	27-27-10	$ 500.00
RJV/12x1-8-FW	8 pole 12x1 Module w/ Firewire connectors	27-31-10	$ 695.00
RJV/2(1x3)-MM	Dual 1x3 Multimode Fiber Optic Module	27-28-10	$ 3,000.00
RJV/2(2x2)-MM	Dual 2x2 Multimode Fiber Optic Module	27-28-11	$ 2,600.00
RJV/2(1x2)-MM	Dual 1x2 Multimode Fiber Optic Module	27-33-20	$ 2,200.00
RJV CONTROL MODULES			
IF-5C	IEEE488/RS232 Module	11-01-10-1	$ 370.00
IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
MANUAL CONTROL			
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

FO SERIES

Name	Description	Part number	Price
FO CHASSIS			
FOC/16-MF	16 Channel Mainframe for Form C relays	49-03-00	$ 950.00
FOA/16-MF	16 Channel Mainframe for Form C latching relays	49-04-00	$ 950.00
FO/32-MF	32 Channel Mainframe	49-01-00	$ 1,250.00
FO/32-E	32 Channel Expansion chassis for Mesa Controller	49-11-00	$ 1,250.00
FO/64-MF	64 Channel Mainframe	49-12-00	$ 1,360.00
FO/64-E	64 Channel Expansion chassis for Mesa Controller	49-13-00	$ 1,360.00
FO Modules			
FO/1x2-1MM-ST-LL	1 pole, 1x2 MultiMode w/ ST connectors	S12-M1-N-ST-1-2-5-L	$ 850.00
FO/1x2-1SM-ST-LL	1 pole, 1x2 SingleMode w/ ST connectors	S12-S1-N-ST-1-2-5-L	$ 850.00
FO/1x2-1MM-SC-LL	1 pole, 1x2 MultiMode w/ SC connectors	S12-M1-N-SC-1-2-5-L	$ 850.00
FO/1x2-1SM-SC-LL	1 pole, 1x2 SingleMode w/ SC connectors	S12-S1-N-SC-1-2-5-L	$ 850.00
FO/2x2-1MM-ST-LL	1 pole, 2x2 MultiMode w/ ST connectors	S22-M1-N-ST-1-2-5-L	$ 900.00
FO/2x2-1SM-ST-LL	1 pole, 2x2 SingleMode w/ ST connectors	S22-S1-N-ST-1-2-5-L	$ 900.00
FO/2x2-1MM-SC-LL	1 pole, 2x2 MultiMode w/ SC connectors	S22-M1-N-SC-1-2-5-L	$ 900.00
FO/2x2-1SM-SC-LL	1 pole, 2x2 SingleMode w/ SC connectors	S22-S1-N-SC-1-2-5-L	$ 900.00
FO/1x2-2MM-ST-LL	2 pole, 1x2 MultiMode w/ ST connectors	D12-M1-N-ST-1-2-5-L	$ 1,000.00
FO/1x2-2SM-ST-LL	2 pole, 1x2 SingleMode w/ ST connectors	D12-S1-N-ST-1-2-5-L	$ 1,000.00
FO/1x2-2MM-SC-LL	2 pole, 1x2 MultiMode w/ SC connectors	D12-M1-N-SC-1-2-5-L	$ 1,000.00
FO/1x2-2SM-SC-LL	2 pole, 1x2 SingleMode w/ SC connectors	D12-S1-N-SC-1-2-5-L	$ 1,000.00
DISPLAY MODULE (FO/64 only)			
CL8	8 channel Display / Driver Module	13-00-10-1	$ 65.00
CONTROL MODULES			
IF-1	16 Bit TTL Control for FO/64 only	2-072-3	$ 500.00
IF-5C	IEEE488/RS232 Module for FO/16 and 32	11-01-10-1	$ 370.00
IF-5	IEEE488/RS232 Module for FO/64	6-013-3	$ 525.00
IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
MANUAL CONTROLS			
PB/16	Pushbutton Manual Control for FO/16-MF	11-05-12	$ 260.00
PB/32	Pushbutton Manual Control for FO/32-MF	11-05-10	$ 370.00
MC/8x8-TW	8x8 Thumbwheel Manual Control for FO-64-MF	ASY1009	$ 420.00

FX SERIES OEO FIBER BUFFERS FOR DX SYSTEMS

NTDS			
FX/8x2-NTDS-ST	8 channel TX/RX NTDS with ST connectors	17-xx-10	$3,250.00
FDDI			
FX/8x2-FDDI-ST	8 channel TX/RX FDDI with ST connectors	17-60-10	$ 2,650.00
1000LX			
FX/8x2-LX-ST	8 channel TX/RX 1000LX with ST connectors	17-xx-10	$ 3,675.00

VDX SERIES

Name	Description	Part number	Price
VDX/16x16 Chassis			
VDX/16x16-75-SS-MF	16x16, < 2 Vpp, 75 ohm with IF-5C	41-00-00	$ 3,650.00
VDX/16x16-75-SS-E	16x16, < 2 Vpp, 75 ohm for Mesa control	41-08-00	$ 3,200.00
VDX/16x16-50-SS-MF	16x16, <4 Vpp, 50 ohm with IF-5C Control	41-11-00	$ 6,400.00
VDX/16x16-50-SS-E	16x16, <4 Vpp, 50 ohm for Mesa control	41-10-00	$ 6,000.00
VDX/16x16-50-LS-MF	16x16, >4 Vpp, 50 ohm with IF-5C Control	41-02-00	$ 6,400.00
VDX/16x16-50-LS-E	16x16, >4 Vpp, 50 ohm for Mesa control	41-09-00	$ 6,000.00
VDX/32x32 Chassis			
VDX/32x32-75-SS-MF	32x32, < 2 Vpp, 75 ohm with IF-5C	41-01-00	$ 11,500.00
VDX/32x32-75-SS-E	32x32, < 2 Vpp, 75 ohm for Mesa control	41-07-00	$ 11,100.00
VDX/32x32-50-SS-MF	32x32, <4 Vpp, 50 ohm with IF-5C Control	41-04-00	$ 15,500.00
VDX/32x32-50-SS-E	32x32, <4 Vpp, 50 ohm for Mesa control	41-03-00	$ 15,100.00
VDX/32x32-50-LS-MF	32x32, >4 Vpp, 50 ohm with IF-5C Control	41-05-00	$ 15,500.00
VDX/32x32-50-LS-E	32x32, >4 Vpp, 50 ohm for Mesa control	41-06-00	$ 15,100.00
VDX Controls			
IF-5C	IEEE488/RS232 Module included at no charge	11-01-10-1	NC
VDX Control options (add to above prices)			
IF-6	Internal TCP/IP LAN (requires an IF-5C)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5C)	ASY1033	$ 70.00
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

VDM SERIES

VDMCHASSIS			
VDM/32x32-MF	32x32 Mainframe w/488, RS232 and LAN	41-17-00	$ 10,800.00
VDM/32x32-E	32x32 Expansion Chassis for use with Mesa	41-18-00	$ 10,000.00
VDM Buffer Modules			
VDM/8-75-IN-BNC	8 channel 75 ohm Input Buffer w/ BNC	41-15-11	$ 300.00
VDM/8-75-OUT-BNC	8 channel 75 ohm Output Buffer w/ BNC	41-16-11-1	$ 300.00
VDM/8-50-IN-BNC	8 channel 50 ohm Input Buffer w/ BNC	41-15-10	$ 500.00
VDM/8-50-OUT-BNC	8 channel 50 ohm Output Buffer w/ BNC	41-16-10-1	$ 500.00
VDM/8-50-IN-SMA	8 channel 50 ohm Input Buffer w/ SMA	41-15-12	$ 500.00
VDM/8-50-OUT-SMA	8 channel 50 ohm Output Buffer w/ SMA	41-16-12-1	$ 500.00
VDM Control Module			
CM-8	IEEE488, RS232, LAN interface included in above price	11-09-10	NC
Manual Control Option			
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

Name	Description	Part number	Price

TX SERIES

TX/128x128-MF	128x128 Analog Matrix w/ IEEE488 and RS232	52-05-00	$24,950.00

TX MODULES

TX/16-IN-75-SMB	16 Channel 75 ohm Input Module w/ SMB's	52-01-10	$ 1,800.00
TX/16-OUT-75-SMB	16 Channel 75 ohm Output Module w/ SMB's	52-02-10	$ 1,900.00
TX/16-IN-50-SMB	16 Channel 50 ohm Input Module w/ SMB's	52-01-11	$ 2,000.00
TX/16-OUT-50-SMB	16 Channel 50 ohm Output Module w/ SMB's	52-02-11	$ 1,900.00

TX Controls

IF-5C	IEEE488/RS232 Module included at no charge	11-01-10-1	NC

TX Control options

(add to above prices)

IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

SMB TO BNC PATCH PANELS

TX/16-50-BNC-PP	16 channel SMB to 50 ohm BNC Patch Panel	52-09-21	$ 400.00
TX/32-50-BNC-PP	32 channel SMB to 50 ohm BNC Patch Panel	52-10-21	$ 800.00
TX/16-75-BNC-PP	16 channel SMB to 75 ohm BNC Patch Panel	52-14-21	$ 400.00
TX/32-75-BNC-PP	32 channel SMB to 75 ohm BNC Patch Panel	52-15-21	$ 800.00

DX/64X64 DIFFERENTIAL MATRIX SERIES

Not recommended for new projects as of Jan 1st 2010 (Replaced with DXM Series)

DX/64x64 CHASSIS

DX/64x64-MF	64x64 Mainframe w/ IEEE488 and RS232 Control	48-14-00	$ 9,500.00
DX/64x64-E	64x64 Expansion Chassis for Mesa Control	48-15-00	$ 9,000.00

DX/64x64 MODULES

DX/16-IP-ECL-SMA	16 Channel ECL Input Buffer w/ SMA's	17-05-10-1	$ 1,450.00
DX/16-OP-ECL-SMA	16 Channel ECL Output Buffer w/ SMA's	17-04-10-1	$ 1,450.00
DX/16-IP-LVDS-SMA	16 Channel LVDS Input Buffer w/ SMA's	17-03-10-1	$ 1,450.00
DX/16-OP-LVDS-SMA	16 Channel LVDS Output Buffer w/ SMA's	17-02-10	$ 1,450.00
DX/16-IP-422-SMA	16 Channel RS422 Input Buffer w/ SMA's	17-03-10-1	$ 1,450.00
DX/16-OP-422-SMA	16 Channel RS422 Output Buffer w/ SMA's	17-14-10	$ 1,450.00

DX/64X64 CONTROL MODULE

IF-5C	IEEE488/RS232 Module included at no charge	11-01-10-1	NC

DX/64X64 CONTROL OPTIONS

(add to above prices)

IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

DX/64X64 PATCH PANELS

PP-64/32-SMA/Triax	64 SMA to 32 Triax Patch Panel w/ cables	48-13-20	$3,850.00
PP-64/32-SMA/Twinax	64 SMA to 32 Twinax Patch Panel w/ cables	48-17-20	$2,850.00

Name	Description	Part number	Price

DX/256x256 SERIES

DX/256x256 Chassis

DX/256x256-MF	256x256 single wire Matrix w/GPIB and 232	48-06-00	$ 7,350.00
DX/256x256-E	256x256 single wire Expansion Chassis for Mesa	TBD	$ 7,150.00
DX/256x256-MF-S	Special high power 75 ohm TTL Mainframe	6260-00-00	$ 8,500.00

DX/256x256 MODULES

DX/64-422-IN	64 Channel RS422 Input Buffer	17-17-11	$ 800.00
DX/64-422-OUT	64 Channel RS422 Output Buffer	17-16-11	$ 800.00
DX/64-232-IN	64 Channel RS232 Input Buffer	17-13-10	$ 800.00
DX/64-232-OUT	64 Channel RS232 Output Buffer	17-12-10	$ 800.00
DX/64-TTL/CMOS	64 Channel pass through module	17-12-11	$ 300.00
DX/64-TTL-75-IN-D37	64 Channel 75 ohm TTL Input	6260-01-10	$ 1,200.00
DX/32-TTL-75-OUT-D37	32 Channel 75 ohm TTL Output	6260-02-10-1	$ 750.00

DX/256X256 CONTROL MODULE

IF-5C	IEEE488/RS232 Module included at no charge	11-01-10-1	NC

DX/256X256 CONTROL OPTIONS

(add to above prices)

IF-6	Internal TCP/IP LAN (requires an IF-5)	ASY1023	$ 525.00
IF-7	USB to RS232 Convertor (requires an IF-5)	ASY1033	$ 70.00
MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

DX/256x256 PATCH PANELS

Patch Panels priced per customer preference . . . . . $ Call Factory

Name	Description	Part number	Price

DXM/64X64 and 128x128 SERIES

DXM/64X64

DXM/64x64-MF	64x64 Mainframe for CM-8 Control	48-21-00	$ 15,100.00
DXM/64x64-E-PS	Expansion Chassis for Mesa Control	48-20-00	$ 15,000.00
DXM/64x64-E-DC	Expansion Chassis for Rack Mount PS	48-2X-00	$ 14,000.00

DXM/128x128

DXM/128x128-MF	128x128 Mainframe for CM-8 Control	48-19-00	$ 29,100.00
DXM/128x128-E-PS	128x128 Expansion Chassis for Mesa II Control	48-20-00	$ 29,000.00
DXM/128x128-E-DC	128x128 Expansion Chassis for Rack Mount PS	6015-01-00	$ 28,000.00

DXM/64X64 or 128x128 MODULES

DXM/16-IP-ECL-DS	16 channel Differential ECL Input Buffer	17-45-10-ECL	$ 825.00
DXM/16-OP-ECL-DS	16 channel Differential ECL Output Buffer	17-40-10	$ 825.00
DXM/16-IP-LVDS-DS	16 channel Differential LVDS Input Buffer	17-45-10-LVDS	$ 825.00
DXM/16-OP-LVDS-DS	16 channel Differential LVDS Output Buffer	17-42-10	$ 825.00
DXM/16-IP-422-DS	16 channel Differential RS422 Input Buffer	17-45-11	$ 825.00
DXM/16-OP-422-DS	16 channel Differential RS422 Output Buffer	17-47-10	$ 825.00
DXM/16-IP-PECL-DS	16 channel Differential PECL Input Buffer	17-45-10-PECL	$ 825.00
DXM/16-OP-PECL-DS	16 channel Differential PECL Output Buffer	17-46-10	$ 825.00
1 Meter Densi-Shield Cables	2 per module required for Patch Panels	CBL1049	$ 180.00
2 Meter Densi Shield Cables	2 per module required for Patch Panels	CBL1047	$ 200.00
10 Meter Densi Shield Cables	2 per module required for Patch Panels	CBL1050	$ 450.00

DXM Control Module

CM-8	IEEE488, RS232, LAN interface included in above price	11-09-10	$700.00

Manual Control Option

MC/2	Keypad Manual Control w/ LCD display	ASY1016	$ 525.00

DXM PATCH PANELS

PP/16-DS-SMA or BNC	16 channel Densi-shield to SMA or BNC	48-18-20	$ 500.00
PP/16-DS-TRX	16 channel Densi-shield to Triax	48-23-20	$ 1,425.00
PP/2(8)-DS-D9M-TX/RX	8 Channel TX/RX Densi-shield to D9 Male	XXXX-xx-20	$ 590.00
PP/2(8)-DS-D9F-TX/RX	8 Channel TX/RX Densi-shield to D9 Female	XXXX-xx-20	$ 590.00

Other Patch Panels priced per customer preference . . . . . $ Call Factory

19" RACK MOUNT HOT SWAP REDUNDANT POWER SUPPLIES

RPS/8x50	8 slot * 50 Watt Rack Mount Power Supply Chassis	TBD	$1,500.00
PPSM/50-VXX	50 watt Power supply modules for RPS chassis	TBD	$ 500.00
PSRM	19" Rack Mount Hot swap redundant supply chassis	TBD	$ 1,450.00
PS/3.3-30	3.3 Volt, 30 amp power supply for PSRM	TBD	$ 1,530.00
PS/2.5-30	2.5 Volt, 30 amp power supply for PSRM	TBD	$ 1,960.00
PS/2.0-30	2.0 Volt, 30 amp power supply for PSRM	TBD	$ 2,240.00
PS/5.0-30	5.0 Volt, 30 amp power supply for PSRM	TBD	$ 1,530.00
FUS/5	DC Power Distribution Chassis	TBD	$ 895.00

FX SERIES OEO FIBER BUFFERS FOR DX SYSTEMS

NTDS

FX/8x2-NTDS-ST	8 channel TX/RX NTDS with ST connectors	17-xx-10	$3,250.00

FDDI

FX/8x2-FDDI-ST	8 channel TX/RX FDDI with ST connectors	17-60-10	$ 2,650.00

1000LX

FX/8x2-LX-ST	8 channel TX/RX 1000LX with ST connectors	17-xx-10	$ 3,675.00

CYTEC/AD DATA REPLACEMENT PARTS

These prices subject to change on a regular basis due to availability of parts and stock

VXI MODULES

230114-111	1 pole, Type S.	$ 2,800.00
230114-112	1 pole, Type M	$ 5,500.00
230115-111	1 pole, Type S, 64x1 Multiplexer	$ 2,800.00
230115-112	1 pole, Type M, 64x1 Multiplexer..	$ 5,500.00
230115-121	2 pole, Type S, 64x1 Multiplexer..	$ 3,000.00
230115-122	2 pole, Type M, 64x1 Multiplexer.	$ 8,600.00
230115-123	2 pole, Type LT, 64x1 Multiplexer.	$ 4,300.00
230116-111	1 pole, Type S, 16x4 Matrix Switch..	$ 2,800.00
230116-112	1 pole, Type M, 16x4 Matrix Switch..	$ 5,500.00
230116-121	2 pole, Type S, 16x4 Matrix Switch..	$ 3,000.00
230116-122	2 pole, Type M, 16x4 Matrix Switch..	$ 8,600.00
230126-123	2 pole, Type LT, 16x4 Matrix Switch..	$ 4,100.00
230117-111	1 pole, Type S, 96 (1x1) Switch Module..	$ 3,100.00
230117-112	1 pole, Type M, 96 (1x1) Switch Module..	$ 6,300.00
230118-111	1 pole, Type S, 24 (4x1x1) Switch Module	$ 2,800.00
230118-112	1 pole, Type M, 24 (4x1x1) Switch Module	$ 5,500.00
230119-111	1 pole, Type S, 6 (1x4) Coaxial 1 Gigahertz Switch Module..	$ 3,500.00
230120-115	1 pole, Type A, Power Switch Module..	$ 2,500.00
230120-125	2 pole, Type A Power Switch Module..	$ 3,100.00
230122-111	1 pole, Type S, 12 (4x1) and 48(1x1) Switch Module ..	$ 3,700.00
230122-112	1 pole, Type M, ARINC 608A 2 (4x1x1) and 48(1x1) Form A 2A Switch Module..	$ 9,800.00
230131-123	2 pole, Type LT, ARINC 608A Form A Resource Distributor Switch Module..	$ 4,000.00
230132-123	2 pole, Type LT, ARINC 608A 2 (16x4) 4 wire Form A Bus Matrix Input Switch Module..	$ 6,000.00

STS MODULES

230103-12	50 (1x1) Form A Type M	$ 7,950.00
230104-12	8(1x10) 1 Pole Mux Type M	$ 8,450.00
230105-31	3(1x10) 3 Pole Mux Type S	$ 5,250.00
230106-1	5(1x6) Coaxial Module	$ 9,900.00
230107-1	(1x6) Coaxial/Feedthru	$ 4,900.00
030785	Power Feed thru Module	$ 9,000.00
030786	Signal Feed thru Module	Call Factory

5600 SERIES

5600, 56E, 0517, etc.

Mainframe Chassis	(Typical of 5600 or 56E)	$ 4,500.00

5600 Modules

330024	IEEE488/RS232 Control	$ 1,200.00
230140-02	20 Form A Type M	$ 1,450.00
230140-01	20 Form A Type S	$ 800.00
230140-03	Update 2 20 Form A Type P Redesigned	$ 975.00
230142-11	Two(1x10) Single Pole Type S	$ 600.00
230142-12	Two (1x10) Single Pole Type M	$ 1,850.00
230088-31	Two (2x5) Three Pole Type S	$ 800.00
230142-21	Two (1x10) Two Pole Type S	$ 775.00
230142-22	Two (1x10) Two Pole Type M	$ 1,850.00
230142-23	Two (1x10) Two Pole Type LT	$ 750.00
130373	Matrix Control Interface	Obsolete
130377	Matrix Control Interface - Replaces 130373	$ 650.00
130339-2	Matrix Decoder/Driver	$ 650.00

RELAYS

Cytec P.N.	AD DATA P.N.		
122ZX-300DAB	Replacement for 4560017	Coaxial Relay	$ 25.00
7001-5268	Replacement for 4560050	Single Pole Type M	$ 20.00
7102-12-1000	Replacement for 4560051	Two Pole Type S	$ 7.00
8403-12-100	Replacement for 4560056	Three Pole Type S	$ 14.00
7002-5299	Replacement for 4560052	Two Pole Type M	$ 45.00

ACCESSORIES

Name	Description	Part number	Price

MATING CONNECTORS

Solder Lug, Card Edge Connectors

J10	10 Conductor Card Edge Connector	CON0127	$ 6.00
J20	20 Conductor Card Edge Connector	CON0129	$ 7.00

Crimp Pin, Header Connectors

J3C	3 Conductor, Single Row	CON0091	$ 6.00
J4C	4 Conductor, Single Row	CON1120	$ 7.00
J8C	8 Conductor, Single Row	CON0547	$ 8.00
J10C	10 Conductor, Dual Row	CON1274	$ 10.00
J16C	16 Conductor, Dual Row	CON1275	$ 11.00
J20C	20 Conductor, Dual Row	CON1276	$ 12.00
J34C	34 Conductor, Dual Row	CON1266	$ 16.00
J50C	50 Conductor, Dual Row	CON1278	$ 22.00
J64C	64 Conductor, Dual Row	CON0109	$ 24.00

Ribbon Cable, Header Connectors

J10R	10 Conductor, Dual Row	CON0054	$ 5.00
J20R	20 Conductor, Dual Row	CON0036	$ 7.00
J34R	34 Conductor, Dual Row	CON0057	$ 10.00
J50R	50 Conductor, Dual Row	CON0058	$ 12.00
J64R	64 Conductor, Dual Row	CON0110	$ 15.00

D Type Connectors Pin or Socket

D9R -P	9 Conductor, Ribbon Cable, Male	CON0152	$ 6.00
D9R -S	9 Conductor, Ribbon Cable, Female	CON0044	$ 6.00
D9C -P	9 Conductor, Crimp Pin, Male	CON0024	$ 8.00
D9C -S	9 Conductor, Crimp Pin, Female	CON0025	$ 8.00
D15R -P	15 Conductor, Ribbon Cable, Male	CON0086	$ 7.00
D15R -S	15 Conductor, Ribbon Cable, Female	CON0070	$ 7.00
D15C -P	15 Conductor, Crimp Pin, Male	CON1078	$ 11.00
D15C -S	15 Conductor, Crimp Pin, Female	CON1014	$ 11.00
D25R -P	25 Conductor, Ribbon Cable, Male	CON0071	$ 9.00
D25R -S	25 Conductor, Ribbon Cable, Female	CON0072	$ 9.00
D25C -P	25 Conductor, Crimp Pin, Male	CON0016	$ 12.00
D25C -S	25 Conductor, Crimp Pin, Female	CON0017	$ 12.00

Screw Terminal Connectors

J2ST	2 Conductor Screw Terminal	CON1126	$ 4.00
J3ST	3 Conductor Screw Terminal	CON0146	$ 5.00
J10ST	10 Conductor Screw Terminal	CON0096	$ 12.00
JKP-16B	16 Conductor Screw Terminal w/ Relief Handle	CON0098	$ 20.00
JKP-16A	16 Conductor Screw Terminal w/out Strain Relief	CON1087	$ 12.00

Coax Cables

CBL-BNC50-xx	RG58 Coaxial BNC Cable (xx = length in inches)	99-06-30-xx	$ 20.00
CBL-BNC75-xx	RG59 Coaxial BNC Cable (xx = length in inches)	99-07-30-xx	$ 20.00
CBL-SMA-SR-M-M	RG402 Semi Rigid SMA Interconnect, Male to Male	99-08-30	$ 25.00
CBL-SMA-SR-M-F	RG402 Semi Rigid SMA Interconnect, Male to Female	99-09-30	$ 35.00
CBL-SMA-Flex-M-M	RG316 Flexible SMA interconnect, Male to Male	99-10-30	$ 20.00

All other cables priced per specification and connectors.

Name	Description	Part number	Price
Coaxial Bus Bars			
CXBS/2	BNC Bus bar for connecting two modules	14-02-29	$ 50.00
CXBS/3	BNC Bus bar for connecting three modules	14-03-29	$ 65.00
CXBS/4	BNC Bus bar for connecting four modules	14-04-29	$ 80.00
CXBS/8	BNC Bus bar for connecting eight modules	14-05-29	$ 160.00
CXBS/16	BNC Bus bar for connecting 16 modules	14-06-29	$ 320.00
CXBS/X	BNC Bus bar for connecting X modules	TBD	$ 20.00 x X
CHASSIS SLIDES			
CHS-1	Chassis Slides Set (2), 20", 15" travel	ASY1034	$ 180.00
POWER SUPPLIES			
PS5/12-1.7	Linear +5/+12 VDC 1.7 Amp Power Supply	PWS0295-1	$ 110.00
PS5/12-3.4	Linear +5/+12 VDC 3.4 Amp Power Supply	PWS0292-1	$ 130.00
PS5-1.2	Linear +5 VDC 1.2 Amp Power Supply	PWS0296	$ 75.00
PS5-3.0	Linear +5 VDC 3.0 Amp Power Supply	PWS0293	$ 90.00
PS12-1.7	Linear +12 VDC 1.7 Amp Power Supply	PWS0295	$ 90.00
PS12-3.4	Linear +12 VDC 3.4 Amp Power Supply	PWS0292	$ 110.00
PS28-3	Linear +28 VDC 3.0 Amp Power Supply	PWS0287	$ 145.00
MAP40	Switching Multi Output 40 Watt Power Supply	PWS1019	$ 210.00
MAP55	Switching Multi Output 55 Watt Power Supply	PWS1015	$ 235.00
MAP80	Switching Multi Output 80 Watt Power Supply	PWS1020	$ 265.00
Vicor PFC-Micro	All models, 12 week lead	Per Order	$ 1,975.00
V40866N	Switching Multi Output, 200 Watt Power Supply	PWS1028	$ 1,200.00

Relays Call with part number for current price but standard relays listed below

SPST 1 Pole Form A Standard Reed	$ 4.00
SPST 1 Pole Form A Mercury Reed	$ 20.00
SPDT 1 Pole Form C Standard Reed	$ 11.00
SPDT 1 Pole Form C Mercury Reed	$ 31.00
DPST 2 Pole Form A Standard Reed	$ 6.00
DPST 2 Pole Form A Mercury Reed	$ 45.00
DPST 2 Pole Form A Low Thermal Reed	$ 17.00
DPST 2 Pole Form A High Voltage Reed	$ 12.00
DPDT 2 Pole Form C Telcom Armature	$ 4.00
DPDT 2 Pole Form C Power Armature	$ 12.00
SPDT 1 Pole Form C RF	$ 8.00
SPST 1 Pole Form A HXV	$ 32.00