Frequency Range  
DC-12.4 GHz

Configuration  
8 individually controlled 1P3T normally open reflective electro-mechanical RF switches

Enclosure Type  
19 inch rack mount @ 4RU high

Startup/Default States  
RF switches off at startup (see SWITCH command)
DHCP enabled (see NET command)
4 Ethernet users (see NET command)
Prompts off (see PROMPT command)

Impedance  
50 Ohms nominal

VSWR  
1.10:1 maximum DC-30MHz
1.25:1 maximum 30-4000MHz
1.35:1 maximum 4-8GHz
1.70:1 maximum 8-12.4GHz

Insertion Loss  
0.10 dB maximum DC-30MHz
0.30 dB maximum 30-4000MHz
0.40 dB maximum 4-8GHz
0.70 dB maximum 8-12.4GHz

Isolation  
70 dB minimum DC-4GHz
60 dB minimum 4-8GHz
55 dB minimum 8-12.4GHz

RF Input Power  
(Cold Switched)
2500 Watts average DC-30MHz
1000 Watts average 30-500MHz
500 Watts average 500-2000MHz
350 Watts average 2-4GHz
250 Watts average 4-8GHz
200 Watts average 8-12.4GHz

Switching Speed  
20 milliseconds
(after command is received and processed)
(3 milliseconds typical processing time)

Lifetime  
1 million operations minimum per switch

Manual Control  
20-Button Keypad and LCD display
(IP Address configurable via keypad)
(Net mask configurable via keypad)
(Gateway configurable via keypad)
(Baud rate configurable via keypad)

Remote Control  
Ethernet (DHCP, TCP/IP, 10/100, up to 12 users)
RS-232 (up to 115200 Baud)
Remote Commands
RF Switch Control Commands:
Switch, Set Switch, Read Switch, Set All Switches, Read All Switches

System Commands:
Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt

AC Supply
100-240 VAC @ 47-63 Hz
2 Amp 5x20mm "Slo-Blo" AC fuse
Littelfuse #215-002, JFW #025-021

RF Connector
N female

Operating Temperature Range
0º to +70º C

Physical Size
See outline drawing 092-5649