

SPECIFICATION SHEET

JFW MODEL 50PA-623

PROGRAMMABLE ATTENUATOR ASSEMBLY

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Frequency Range 200-6000 MHz

Configuration 48 individually controlled solid-state programmable attenuators

Impedance 50 Ohms nominal

Attenuation Range 0-95 dB in 1 dB steps

VSWR 2.2:1 maximum
< 1.9:1 typical

Attenuation Accuracy (guaranteed monotonic) ± 0.7 dB 1-7 dB
± 1.0 dB 8-11 dB
± 1.25 dB or 4% 12-95 dB (whichever is greater)

Insertion Loss 8.8 dB maximum
3.8 dB typical @ 200 MHz
8.0 dB typical @ 6000 MHz

RF Input Power +20 dBm average
+23 dBm (no damage)

Switching Speed 1 microsecond typical
(after command is received and processed)
(3 milliseconds typical processing time)

AC Supply 100-240 VAC @ 47-63 Hz

Remote Control Ethernet (TCP, 10/100, up to 4 users)

Remote Commands Set Attenuator, Set Attenuator w/
Response, Set Multiple Attenuators, Read Attenuator, Read All Attenuators, Variable Handover, Fade Attenuator, Store, Recall, Pause, Disconnect, Close, Change Baud Rate, Identification

RF Connector SMA female

Operating Temperature Range 0°C to +50°C

Physical Size See outline drawing 092-6805

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