

SPECIFICATION SHEET

JFW MODEL 50PA-547

BENCHTOP PROGRAMMABLE ATTENUATOR ASSEMBLY

JFW Industries, Inc.
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Frequency Range 800-3000 MHz

Configuration Four individually controlled
solid-state programmable attenuators

Impedance 50 Ohms nominal

Attenuation Range 0-127 dB in 1 dB steps

VSWR 1.6:1 maximum

Attenuation Accuracy ± 0.5 dB or 2% of programmed
(whichever is greater)

Insertion Loss 6.5 dB maximum
2.9 dB typical @ 800 MHz
4.8 dB typical @ 3000 MHz

RF Input Power +20 dBm average
+24 dBm (1 dB compression)

Switching Speed 5 microseconds typical
(after command is received and processed)
(3 milliseconds typical processing time)

AC Supply 100-240 VAC @ 47-63 Hz

Manual Control 20-Button Keypad and LCD display

Remote Control RS-232 (9600, 19200, or 38400 Baud)
Ethernet (TCP, 10/100, up to 4 users)

Remote Commands Variable Handover (VHND Av Aw Vx Vy Tz)
Fade Attenuator (FAx y z t)
Set Attenuator (SAx y)
Read Attenuator (RAx)
Pause (PAUSEx)
Disconnect (DIS)
Identification (IDN)

RF Connector SMA or N female

Operating Temperature Range 0°C to +50°C

Physical Size See outline drawing 092-5986 (N)
092-5987 (SMA)

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