

**SPECIFICATION SHEET**

**JFW MODEL 50P-1403**

**SOLID STATE PROGRAMMABLE ATTENUATOR**

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Frequency Range	400-3000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-70 dB in 10 dB steps
Attenuation Steps	10, 20 and 40 dB
VSWR	1.5:1 typical 1.6:1 maximum
Attenuation Accuracy	± .5 dB or 2% of programmed (whichever is greater)
Insertion Loss	0.75 dB nominal @ 400 MHz 2.0 dB nominal @ 3000 MHz
RF Input Power	+10 dBm operating +17 dBm (1 dB compression)
Switching Speed	1 microsecond
DC Supply	+5 Vdc @ 70 mA maximum
Control Logic (3 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	T & B #609-1007
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5518-07

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/01/1999			14447	07/25/2007	C	CLK 07/25/2007
2230	11/11/1999	A					
9999	10/04/2002	B	TRS 10/07/2002				