

**SPECIFICATION SHEET**  
**JFW MODEL 50P-1130**  
**SOLID STATE PROGRAMMABLE ATTENUATOR**

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Frequency Range	1-200 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-63.5 dB in 0.5 dB steps
Attenuation Steps	.5, 1, 2, 4, 8, 16 and 32 dB
Phase Shift	± 3° maximum
VSWR	1.5:1 maximum
Attenuation Accuracy	± .3 dB or 1% (whichever is greater)
Insertion Loss	4 dB maximum
RF Input Power	+10 dBm
Switching Speed	20 microseconds
DC Supply	+5 Vdc @ 300 mA
Control Logic	TTL Low for Thru Path TTL High for Attenuation
DC Connector	D Subminiature DE9P
RF Connector	BNC or SMA female
Physical Size	See outline drawing 092-5638-04

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/14/1995						
9999	09/18/2002	A	TRS 09/19/2002				
14981	11/30/2007	B	CLK 11/30/2007				