

**SPECIFICATION SHEET**  
**JFW MODEL 50P-1696**  
**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-2500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-63 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16 and 32 dB
VSWR	1.4:1 maximum
Attenuation Accuracy	± 0.4 dB or 2.25% (whichever is greater)
Insertion Loss	3.5 dB maximum 2.9 dB typical @ 2500 MHz
RF Input Power	1 Watt average
Switching Speed	6 milliseconds
Control	+10 Vdc to +15 Vdc @ 30mA per relay
RF Connector	SMA female
Physical Size	See outline drawing 092-4952

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/07/2005		TRS 10/07/2005				
12198	12/05/2005	A	TRS 12/05/2005				
14128	05/01/2007	B	TRS 05/01/2007				