

**SPECIFICATION SHEET**  
**JFW MODEL 50P-1683**  
**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-2500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-70 dB in 10 dB steps
Attenuation Steps	10, 20, 20, and 20 dB
VSWR	1.5:1 maximum
Attenuation Accuracy	± 0.5 dB or 2% (whichever is greater)
Insertion Loss	2.5 dB maximum
RF Input Power	0.5 Watts average 100 Watts peak
Switching Speed	6 milliseconds
Control	+12 Vdc @ 15 mA per relay (4 relays total)
DC Connector	0.040" Diameter solder terminals
RF Connector	BNC, SMA, TNC or N female
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-4822

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/01/2005		TRS 06/01/2005				
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