

**SPECIFICATION SHEET**  
**JFW MODEL 50P-033**  
**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-1500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-10 dB in 1 dB steps
Attenuation Steps	1, 2, 3 and 4 dB
VSWR	1.4:1 maximum DC-1000 MHz 1.5:1 maximum 1000-1500 MHz
Attenuation Accuracy	± 0.2 dB DC-500 MHz ± 0.3 dB 500-1000 MHz ± 0.4 dB 1000-1500 MHz
Insertion Loss	2 dB maximum
RF Input Power	2 Watts average
Peak Power	1000 Watts (1 usec pulse)
Switching Speed	6 milliseconds
Control	+12 Vdc @ 30 mA per relay
DC Connector	Solder terminals
RF Connector	BNC, SMA, N or TNC
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-745

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9999	04/12/2004	A	BAC 06/21/2007				