

**SPECIFICATION SHEET**  
**JFW MODEL 50P-1705**  
**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-200 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-64.5 dB in 0.1 dB steps
Attenuation Steps	0.1, 0.2, 0.4, 0.8, 1, 2, 4, 8, 16, and 32 dB
VSWR	1.3:1 maximum
Attenuation Accuracy	0.1, 0.2, 0.4, 0.8 dB ± 0.025 dB 1, 2, 4 dB ± 0.04 dB 8, 16, 32 dB ± 0.08 dB
Insertion Loss	0.75 dB maximum 0.58 dB typical @ 200 MHz
RF Input Power	1 Watt average @ 25°C 100 Watts peak (1 microsecond pulse)
Switching Speed	6 milliseconds
DC Supply / Control	+12 Vdc @ 15 mA per relay (10 relays total)
DC Connector	Solder terminals
RF Connector	SMA, BNC, TNC, or N female
Physical Size	See outline drawing 092-4448

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