

**SPECIFICATION SHEET**  
**JFW MODEL 50P-1499**  
**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-15 dB in 1 dB steps
Attenuation Steps	1, 2, 4 and 8 dB
VSWR	1.3:1 maximum
Attenuation Accuracy	± .2 dB or 2% (whichever is greater)
Insertion Loss	0.8 dB maximum at 500 MHz
RF Input Power	2 Watts average 100 Watts peak
Switching Speed	6 milliseconds maximum
Control	+12 Vdc @ 15 mA per relay
DC Connector	Solder terminals
RF Connector	BNC, SMA, TNC or N female
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-2610

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/06/2001						
9999	10/11/2002	A	TRS 10/18/2002				