

SPECIFICATION SHEET
JFW MODEL 50P-1209
RELAY PROGRAMMABLE ATTENUATOR

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Frequency Range	DC-2500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-15.5 dB in 0.5 dB steps
Attenuation Steps	0.5, 1, 2, 4, and 8 dB
VSWR	1.6:1 maximum
Attenuation Accuracy	0.5 dB Pad ± 0.2 dB DC-2500 MHz 1, 2, 4, 8 dB Pads ± 0.2 dB or 2% DC-1000 MHz ± 0.3 dB or 3% 1000-2500 MHz
Insertion Loss	0.8 dB maximum at 500 MHz 1.5 dB maximum at 1000 MHz 3.0 dB maximum at 2500 MHz
RF Input Power	0.5 Watts average 100 Watts peak
Switching Speed	6 milliseconds maximum
Control	+12 Vdc at 15 mA per relay
RF Connector	BNC, SMA, TNC or N female
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-2611

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
1001	03/19/1998	A		12783	05/10/2006	D	TRS 05/10/2006
9999	09/26/2002	B	TRS 10/01/2002	14364	07/06/2007	E	TRS 07/06/2007
4434	01/21/2004	C	CLV 01/22/2004	14398	07/11/2007	F	TRS 07/12/2007