

SPECIFICATION SHEET
JFW MODEL 50P-1211
RELAY PROGRAMMABLE ATTENUATOR

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Frequency Range	DC-2500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-31.5 dB in 0.5 dB steps
Attenuation Steps	0.5, 1, 2, 4, 8, and 16 dB
VSWR	1.6:1 maximum
Attenuation Accuracy	0.5 dB Pad ± 0.2 dB DC-2500 MHz 1, 2, 4, 8, 16 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 3.5 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 (0.5, 1, 2, 4, 8dB) +12 Vdc at 30 mA (16dB)
RF Connector	BNC, SMA, TNC or N female
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-2613

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
2056	03/01/1999	B		11807	09/01/2005	E	TRS 09/01/2005
9999	09/26/2002	C	TRS 10/01/2002	12783	05/10/2006	F	TRS 05/10/2006
4436	01/21/2004	D	CLV 01/22/2004	14398	07/11/2007	G	TRS 07/12/2007