

SPECIFICATION SHEET**JFW MODEL 50P-1978****RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-2700 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-63 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, and 32 dB
VSWR	1.5:1 maximum 1.4:1 typical
Attenuation Accuracy	± 0.5 dB or 2% (nominal) ± 0.75 dB or 2% (maximum) (whichever is greater) (guaranteed monotonic)
Insertion Loss	4.0 dB maximum 1.0 dB typical @ 500 MHz 1.7 dB typical @ 1000 MHz 3.0 dB typical @ 2000 MHz 3.4 dB typical @ 2700 MHz
Repeatability	± 0.05 dB @ 2.0 GHz typical ± 0.10 dB @ 2.5 GHz typical ± 0.15 dB @ 2.7 GHz typical
RF Input Power	2 Watts average
Switching Speed	6 milliseconds maximum
Control	+12 Vdc at 15 mA (1, 2, 4, 8, 16dB) +12 Vdc at 60 mA (32dB)
RF Connector	SMA female
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-2614

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/18/2014		BAC 04/18/2014				
24188	06/03/2014	A	CLK 06/03/2014				
33885	01/16/2025	B	CLK 01/16/2025				