

**SPECIFICATION SHEET**

**JFW MODEL 50P-1128**

**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range DC-2000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-63.75 dB in 0.25 dB steps

Attenuation Steps .25, .5, 1, 2, 4, 8, 16 and 32 dB

VSWR 1.4:1 maximum DC-1000 MHz  
1.5:1 maximum 1000-2000 MHz

Attenuation Accuracy (guaranteed monotonic) DC-1000 MHz  
.25, .5 dB ± .1 dB  
1, 2, 4, 8 dB ± .25 dB  
16, 32 dB ± 2%

1000-2000 MHz  
.25, .5 dB ± .15 dB  
1, 2, 4, 8 dB ± .3 dB  
16, 32 dB ± 3%

Insertion Loss 3.3 dB maximum DC-1000 MHz  
4.0 dB maximum 1000-2000 MHz

RF Input Power 0.5 Watts average

Switching Speed 6 milliseconds

Control +12 Vdc @ 30 mA per relay  
(8 relays total)

DC Connector Solder terminals

RF Connector SMA female

Operating Temperature Range -20°C to +85°C

Physical Size See outline drawing 092-2393

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/28/1995			9999	09/18/2002	B	TRS 09/19/2002
487	12/08/1995	A		29911	10/31/2019	D	CLK 10/31/2019
4422	01/20/2004	C	CLV 01/20/2004				