

**SPECIFICATION SHEET**  
**JFW MODEL 75P-033**  
**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-1000 MHz
Impedance	75 Ohms nominal
Attenuation Range	0-127 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, 32 and 64 dB
VSWR	1.5:1 maximum
Attenuation Accuracy	± 0.5 dB                    DC-100 MHz ± 0.5 dB or 1%        100-500 MHz ± 0.5 dB or 2%        500-1000 MHz (whichever is greater)
Insertion Loss	2.5 dB nominal
RF Input Power	1 Watt average
Switching Speed	6 milliseconds
Control	+12 Vdc @ 30 mA per relay
DC Connector	0.040 Diameter solder terminals
RF Connector	F, BNC or N female
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-2859

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
1109	06/22/1998	A		9999	03/05/2003	D	TRS 05/06/2003
1135	08/10/1998	B					
2418	06/27/2000	C					