

**SPECIFICATION SHEET**  
**JFW MODEL 75P-135**  
**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-1000 MHz
Impedance	75 Ohms nominal
Attenuation Range	0-25.5 dB in 0.1 dB steps
Attenuation Steps	0.1, 0.2, 0.4, 0.8, 1.6, 3.2, 6.4, and 12.8 dB
VSWR	1.4:1 maximum
Attenuation Accuracy	0.1, 0.2, 0.4 dB    ± 0.05 dB 0.8, 1.6, 3.2 dB   ± 0.1 dB 6.4, 12.8 dB       ± 0.15 dB Accumulated error ± 0.3 dB
Insertion Loss	3.0 dB maximum
RF Input Power	0.5 Watts average
Switching Speed	10 milliseconds
DC Supply	+12 Vdc @ 30 mA per relay (8 relays total)
Control (8 lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	3M #3793-5303
RF Connector	BNC, F, N, or TNC female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-2213

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/08/1998						
9999	12/05/2002	A	TRS 12/05/2002				
4505	03/04/2004	B	CLV 03/05/2004				