

SPECIFICATION SHEET**JFW MODEL 75P-154****RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-1000 MHz
Impedance	75 Ohms nominal
Attenuation Range	0-63.75 dB in 0.25 dB steps
Attenuation Steps	0.25, 0.5, 1, 2, 4, 8, 16, and 32 dB
VSWR	1.4:1 maximum
Attenuation Accuracy	0.25 dB $\pm$ 0.05 dB 0.5, 1, and 2 dB $\pm$ 0.1 dB 4 and 8 dB $\pm$ 0.2 dB 16 dB $\pm$ 0.3 dB 32 dB $\pm$ 0.4 dB Accumulated Error $\pm$ 0.5 dB or 1.5% (whichever is greater)
Insertion Loss	2.2 dB maximum 0.75 dB typical at 500 MHz 1.50 dB typical at 1000 MHz
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

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