

**SPECIFICATION SHEET**

**JFW MODEL 50P-531**

**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-1500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-127 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, 32, and 64 dB
VSWR	1.4:1 maximum
Attenuation Accuracy	± 0.5 dB or 2% of programmed (whichever is greater)
Insertion Loss	4.0 dB maximum 2.1 dB typical @ 500 MHz 2.7 dB typical @ 1000 MHz 3.2 dB typical @ 1500 MHz
RF Input Power	1 Watt average
Switching Speed	6 milliseconds
Control	+12 Vdc @ 30 mA per relay (8 relays total)
DC Connector	.040 Diameter solder terminals
RF Connector	BNC, N, SMA or TNC
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-7484

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
9999	10/04/2002	A	TRS 10/23/2002				
21994	10/11/2012	B	TRS 10/11/2012				