

SPECIFICATION SHEET

JFW MODEL 50P-796

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range	20-1500 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	1.5:1 maximum
Attenuation Accuracy	± 0.3 dB or 1% 20-500 MHz ± 0.5 dB or 2% 500-1500 MHz (whichever is greater)
Insertion Loss	3 dB maximum @ 500 MHz 4 dB maximum @ 1000 MHz 5 dB maximum @ 1500 MHz
RF Input Power	+10 dBm
Switching Speed	5 microseconds
DC Supply	+5 Vdc @ 300 mA
Control Logic (7 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	3M #3793-5303
RF Connector	SMA, BNC, TNC, or N female
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-5535-03

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
502	06/14/1996	A		16408	10/17/2008	D	CLK 10/17/2008
9999	10/21/2002	B	TRS 12/03/2002				
14364	07/06/2007	C	TRS 07/06/2007				