

SPECIFICATION SHEET

JFW MODEL 50P-1759

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range	30-3000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-63 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, and 32 dB
VSWR	1.7:1 maximum 1.6:1 typical (Thru path) 1.4:1 typical (Attenuation)
Attenuation Accuracy (guaranteed monotonic)	1-15 dB ± 0.6 dB 16-63 dB ± 1.0 dB or 3%
Insertion Loss	4.5 dB maximum 2.1 dB typical @ 30 MHz 3.4 dB typical @ 3000 MHz
RF Input Power	+20 dBm operating +25 dBm (no damage)
Switching Speed	300 nanoseconds
DC Supply	+5 Vdc @ 60 mA nominal
Control Logic (6 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	3M #3793-5303
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5043

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/18/2007		TRS 07/18/2007				
16698	01/08/2009	A	CLK 01/08/2009				