

SPECIFICATION SHEET

JFW MODEL 50P-1765

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range	700-3000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-31 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, and 16 dB
VSWR	1.5:1 maximum
Attenuation Accuracy	± 0.5 dB or 2% of programmed (whichever is greater)
Insertion Loss	3.0 dB maximum 1.1 dB typical @ 700 MHz 2.3 dB typical @ 3000 MHz
RF Input Power	+20 dBm operating +24 dBm (1 dB compression)
Switching Speed	5 microseconds maximum 3 microseconds typical
DC Supply	+5 Vdc @ 150 mA nominal -5 Vdc @ 100 mA nominal
Control Logic (5 Lines)	TTL Low for Thru Path TTL High for Attenuation
RF Connector	SMA female
Operating Temperature Range	0° C to +70° C
Physical Size	See outline drawing 092-5728-04

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/04/2007		TRS 05/04/2007				
15518	03/10/2008	A	CLK 03/10/2008				
17868	11/09/2009	B	CLK 11/09/2009				