

SPECIFICATION SHEET**JFW MODEL 50P-1851****SOLID STATE PROGRAMMABLE ATTENUATOR**

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Frequency Range	200-6000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-63.5 dB in 0.5 dB steps
Attenuation Steps	0.5, 1, 2, 4, 8, 16 and 32 dB
VSWR	1.8:1 maximum < 1.6:1 typical
Attenuation Accuracy (guaranteed monotonic)	± 0.50 dB 0.5-7.5 dB ± 0.75 dB 8.0-15.5 dB ± 1.00 dB or 3% 16.0-63.5 dB (whichever is greater)
Insertion Loss	6.0 dB maximum 2.3 dB typical @ 200 MHz 2.5 dB typical @ 800 MHz 3.1 dB typical @ 2000 MHz 5.4 dB typical @ 6000 MHz
RF Input Power	+28 dBm (operating) +34 dBm (no damage)
Switching Speed	3 microseconds maximum < 1 microsecond typical
DC Supply	+5Vdc @ 2mA nominal
Control Logic (7 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	T&B #609-1007
RF Connector	SMA
Operating Temperature Range	-40°C to +85°C
Physical Size	See outline drawing: 092-7462-07 (SMA) 092-7462-08 (SMA Male/Female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
18182	01/26/2010	C	CLK 01/26/2010	27058	09/13/2016	F	CLK 09/13/2016
20539	09/07/2011	D	CLK 09/07/2011	27244	11/09/2016	G	CLK 11/09/2016
22505	02/27/2013	E	CLK 02/27/2013	27615	02/28/2017	H	CLK 02/28/2017