

SPECIFICATION SHEET

JFW MODEL 50P-1855

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range	200-6000 MHz	
Impedance	50 Ohms nominal	
Attenuation Range	0-31.5 dB in 0.5 dB steps	
Attenuation Steps	0.5, 1, 2, 4, 8 and 16 dB	
VSWR	1.7:1 maximum	
Attenuation Accuracy (guaranteed monotonic)	± 0.25 dB	0.5-3.5 dB
	± 0.50 dB	4.0-7.5 dB
	± 1.00 dB	8.0-11.5 dB
	± 1.25 dB	12.0-31.5 dB
	(whichever is greater)	
Insertion Loss	3.5 dB maximum	
RF Input Power	+20 dBm (operating) +25 dBm (no damage)	
Switching Speed	1 microsecond maximum 0.7 microseconds typical	
DC Supply	+5Vdc @ 50mA 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: 092-7462-11 (SMA) 092-7462-12 (SMA Male/Female)	

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
17095	04/16/2009	A	CLK 04/16/2009	18455	03/25/2010	D	CLK 03/25/2010
17645	09/02/2009	B	CLK 09/02/2009	20539	09/07/2011	E	CLK 09/07/2011
18186	01/26/2010	C	CLK 01/26/2010	22505	02/27/2013	F	CLK 02/27/2013