

SPECIFICATION SHEET**JFW MODEL 50P-1849****RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-2700 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	1.5:1 maximum
Attenuation Accuracy	± 0.50 dB (1,2,4,8 and 16dB pads) ± 0.75 dB (32 dB pad) ± 1.25 dB or 3% of programmed values (whichever is greater)
Insertion Loss	2.5 dB typical at 1GHz 4.0 dB typical at 2GHz 4.5 dB typical at 2.7GHz 5.0 dB maximum DC-2.7GHz
Repeatability	± 0.05 dB @ 2.0 GHz typical ± 0.10 dB @ 2.5 GHz typical ± 0.15 dB @ 2.7 GHz typical
RF Input Power	10 Watts average
Switching Speed	10 milliseconds
Control	+12 Vdc at 30 mA per relay
RF Connector	SMA, BNC, TNC or N female
Operating Temperature Range	-20°C to +60°C
Physical Size	See outline drawing 092-3258

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/15/2009		BAC 05/15/2009	33737	11/11/2024	C	CLK 11/11/2024
28719	05/07/2018	A	BAC 05/07/2018				
30907	01/27/2021	B	CLK 01/27/2021				