

**SPECIFICATION SHEET**  
**JFW MODEL 50B-053**  
**PUSHBUTTON ATTENUATOR**

JFW Industries, Inc.  
 Phone: 317-887-1340  
 sales@jfwindustries.com  
 www.jfwindustries.com

Frequency Range	DC-1090 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-101 dB in 1 dB steps
Attenuation Steps	1, 2, 3, 5, 10, 20, 20, 20 and 20 dB
VSWR	1.50:1 maximum 1.25:1 typical
Attenuation Accuracy	Individual Pads: $\pm 0.5$ dB maximum $\pm 0.25$ dB typical  Combinations up to 21dB: $\pm 1.0$ dB maximum $\pm 0.5$ dB typical  Combinations up to 101dB: $\pm 2.0$ dB maximum $\pm 0.8$ dB typical
Insertion Loss	2.5 dB maximum 1.5 dB typical @ 1090 MHz
RF Input Power*	5 Watts average
RF Connector	BNC, N, SMA or TNC female
Physical Size	See outline drawing 092-8769 (TNC)

\* The enclosure will heat up when unit is used at maximum power continuously:

5 Watts at 100% duty cycle will cause enclosure to heat to approximately +50 C.  
 3 Watts at 100% duty cycle will cause enclosure to heat to approximately +40 C.

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/03/2017		TRS 03/03/2017				