

**SPECIFICATION SHEET**  
**JFW MODEL 50B-042**  
**PUSHBUTTON ATTENUATOR**

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

Frequency Range	DC-1000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-65 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 10, 20 and 20 dB
VSWR	1.5:1 maximum
Attenuation Accuracy	± 0.5 dB or 2% DC-750 MHz ± 0.5 dB or 3% 750-1000 MHz
Insertion Loss	2.0 dB maximum 0.6 dB typical @ 500 MHz 1.5 dB typical @ 1000 MHz
RF Input Power	1 Watt average
Peak Power	1000 Watts (1 microsecond pulse)
RF Connector	BNC, N, SMA or TNC female
Operating Temperature Range	-40°C to +70°C
Physical Size	See outline drawing 092-010

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/24/1994			9999	06/26/2003	C	TRS 02/24/2004
2170	08/03/1999	A		25946	11/18/2015	D	CLK 11/18/2015
2204	10/08/1999	B		26483	03/25/2016	E	TRS 03/25/2016