

**SPECIFICATION SHEET**  
**JFW MODEL 50DR-046**  
**DUAL ROTARY ATTENUATOR**

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

Frequency Range	DC-2500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-50 dB in 1 dB steps
VSWR	1.2:1 maximum DC-500 MHz 1.4:1 maximum 500-1000 MHz 1.5:1 maximum 1000-2500 MHz
Insertion Loss	0.6 dB maximum DC-1000 MHz 1.1 dB maximum 1000-2500 MHz
Attenuation Accuracy	± 0.2 dB or 1% DC-500 MHz ± 0.3 dB or 3% 500-1000 MHz ± 0.4 dB or 3% 1000-2500 MHz (whichever is greater)
RF Input Power	2 Watts average 1000 Watts peak
Direction of Rotation	Attenuation increases in a Clockwise direction
Indexing	30 degrees with stops at Minimum and maximum
RF Connector	BNC, TNC, N or SMA female
Operating Temperature Range	-20°C to +85°C
Knob/Panel Mounting Drawing	092-8435-02
Outline Drawings	092-1513-06 (50DR-046 BNC) 092-5280 (50DR-046 TNC) 092-440-06 (50DR-046 SMA) 092-327-06 (50DR-046 N)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/08/1995			17251	05/26/2009	C	TRS 05/26/2009
9999	05/12/2003	A	BAC 02/05/2004	22057	10/26/2012	D	TRS 10/26/2012
13697	12/20/2006	B	CLK 12/20/2006	25776	09/29/2015	E	TRS 09/29/2015