

**SPECIFICATION SHEET**

**JFW MODEL 50R-029**

**ROTARY ATTENUATOR**

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

Frequency Range DC-2200 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-70 dB in 10 dB steps

VSWR 1.2:1 maximum DC-1000 MHz  
1.4:1 maximum 1000-2200 MHz

Insertion Loss 0.3 dB maximum DC-1000 MHz  
0.5 dB maximum 1000-2200 MHz

Attenuation Accuracy ± 0.5 dB or 1% DC-500 MHz  
± 0.5 dB or 2% 500-1000 MHz  
± 0.5 dB or 3% 1000-2200 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, N, SMA, or TNC

Operating Temperature Range -20°C to +85°C

Physical Size See outline drawings  
092-428-01 (BNC)  
092-428-02 (BNC/SMA)  
092-428-03 (N)  
092-428-04 (N/SMA)  
092-428-05 (TNC)  
092-428-06 (TNC/SMA)  
092-428-07 (SMA)  
092-428-08 (N F/M)  
092-428-09 (N M/F)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
860	10/21/1997	A		17378	07/02/2009	D	TRS 07/02/2009
2639	03/23/2001	B		18358	03/05/2010	E	TRS 03/05/2010
9999	04/21/2003	C	BAC 12/06/2005				