

**SPECIFICATION SHEET**

**JFW MODEL 50R-043**

**ROTARY ATTENUATOR**

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

Frequency Range DC-1000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-100 dB in 10 dB steps

VSWR 1.2:1 maximum

Insertion Loss 0.3 dB maximum

Attenuation Accuracy ± 0.5 dB or 2%  
(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

Lifetime 500,000 attenuation steps

Knob/Panel Mounting Drawing 092-8435-01

Outline Drawing Numbers 092-9530-01 (50R-043 SMA)  
092-9530-02 (50R-043 BNC)  
092-9530-03 (50R-043 N)  
092-428-02 (50R-043 BNC/SMA)  
092-428-04 (50R-043 N/SMA)  
092-428-05 (50R-043 TNC)  
092-428-06 (50R-043 TNC/SMA)  
092-428-08 (50R-043 N F/M)  
092-428-09 (50R-043 N M/F)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
17378	07/02/2009	C	TRS 07/02/2009	25776	09/28/2015	F	TRS 09/29/2015
18358	03/05/2010	D	TRS 03/05/2010	28157	10/05/2017	G	TRS 10/05/2017
19092	09/03/2010	E	TRS 09/03/2010	30381	05/11/2020	H	TRS 05/11/2020