

SPECIFICATION SHEET

JFW MODEL 50R-137

ROTARY ATTENUATOR

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

Frequency Range DC-2550 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-80 dB in 10 dB steps

VSWR 1.3:1 maximum DC-1000 MHz
1.5:1 maximum 1000-2550 MHz

Insertion Loss 1 dB maximum

Attenuation Accuracy ± 0.3 dB or 1% DC-500 MHz
± 0.5 dB or 2% 500-1000 MHz
± 0.5 dB or 3% 1000-2550 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 N, SMA or TNC female

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

Lifetime 500,000 attenuation steps

Knob/Panel Mounting Drawing 092-8435-01

Outline Drawings 092-2674 (50R-137 SMA)
092-6200-03 (50R-137 N)
092-6200-05 (50R-137 TNC)
092-6200-06 (50R-137 TNC/SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
9999	04/28/2003	C		18362	03/05/2010	F	TRS 03/05/2010
14032	04/06/2007	D	CLK 04/06/2007	25776	09/28/2015	G	TRS 09/29/2015
17378	07/02/2009	E	TRS 07/02/2009	28157	10/05/2017	H	TRS 10/05/2017