

**SPECIFICATION SHEET**

**JFW MODEL 50R-137**

**ROTARY ATTENUATOR**

JFW Industries, Inc.  
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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  $\pm 0.3$  dB or 1% DC-500 MHz  
 $\pm 0.5$  dB or 2% 500-1000 MHz  
 $\pm 0.5$  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

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
947	01/16/1998	B		17378	07/02/2009	E	TRS 07/02/2009
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