

**SPECIFICATION SHEET**

**JFW MODEL 50R-234**

**ROTARY ATTENUATOR**

JFW Industries, Inc.  
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Frequency Range DC-2550 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-100 dB in 10 dB steps

VSWR 1.3:1 maximum DC-1000 MHz  
1.5:1 maximum 1000-1500 MHz  
1.7:1 maximum 1500-2550 MHz

Insertion Loss 1 dB maximum

Attenuation Accuracy ± 0.5 dB or 2% DC-1000 MHz  
± 0.5 dB or 3% 1000-1500 MHz  
± 0.5 dB or 4% 1500-2550 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

RF Connector N or SMA female

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

Lifetime 500,000 attenuation steps

Knob/Panel Mounting Drawing 092-8435-01

Outline Drawings 092-2275 (50R-234 SMA)  
092-6200-03 (50R-234 N)  
092-6200-04 (50R-234 N/SMA)  
092-6200-07 (50R-234 SMA/N)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
9999	05/01/2003	C	TRS 05/16/2007	25776	09/28/2015	F	TRS 09/29/2015
17378	07/02/2009	D	TRS 07/02/2009	28157	10/05/2017	G	TRS 10/05/2017
23479	11/26/2013	E	TRS 11/27/2013	31369	10/06/2021	H	TRS 10/06/2021