

**SPECIFICATION SHEET**

**JFW MODEL 50R-310**

**ROTARY ATTENUATOR**

JFW Industries, Inc.  
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Frequency Range	DC-2700 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-10 dB in 1 dB steps
VSWR	1.2:1 maximum DC-1000 MHz 1.3:1 maximum 1000-2700 MHz
Insertion Loss	0.5 dB maximum 0.11 dB typical @ 1000 MHz 0.23 dB typical @ 2700 MHz
Attenuation Accuracy	± 0.5 dB
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	SMA female
Operating Temperature Range	-20°C to +85°C
Knob/Panel Mounting Drawing	092-8435-01
Outline Drawing	092-039 (50R-310 SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
11844	09/07/2005	B	BAC 09/08/2005	16574	12/02/2008	E	TRS 12/02/2008
16357	09/30/2008	C	TRS 09/30/2008	20344	07/19/2011	F	TRS 07/19/2011
16402	10/15/2008	D	TRS 10/15/2008	25776	09/29/2015	G	TRS 09/29/2015