

SPECIFICATION SHEET
JFW MODEL 50BR-112
BENCH TOP ROTARY ATTENUATOR

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

Frequency Range	DC-2700 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-110 dB in 1 dB steps
VSWR	1.5:1 maximum DC-700 MHz 1.8:1 maximum 700-2700 MHz < 1.3:1 typical @ 700 MHz < 1.6:1 typical @ 2700 MHz
Attenuation Accuracy	1 dB steps ± 0.5 dB 10 dB steps ± 0.7 dB or 3%
Insertion Loss	2.2 dB maximum 0.75 dB typical @ 700 MHz 1.95 dB typical @ 2700 MHz
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
Available Model Numbers	50BR-112 BNC (BNC female/female) 50BR-112 N (N female/female) 50BR-112 N M/M (N male/male) 50BR-112 SMA (SMA female/female) 50BR-112 TNC (TNC female/female)
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawings: 092-6147 (50BR-112 N) 092-8099 (50BR-112 N M/M)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/28/2009		TRS 04/28/2009				
20060	05/04/2011	A	TRS 05/04/2011				
24553	09/23/2014	B	TRS 09/23/2014				