

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 ± 0.5 dB (1 dB steps)
± 0.7 dB or 3% (10 dB steps)

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

Lifetime 500,000 attenuation steps (each knob)

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	28157	10/05/2017	C	TRS 10/05/2017
20060	05/04/2011	A	TRS 05/04/2011				
24553	09/23/2014	B	TRS 09/23/2014				