

SPECIFICATION SHEET**JFW MODEL 50BR-052****BENCH TOP ROTARY ATTENUATOR**

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Description	Manual attenuator mounted to L-bracket for benchtop usage
Frequency Range	DC-2500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-50 dB in 1 dB steps
VSWR	1.4:1 maximum DC-1000 MHz 1.6:1 maximum 1000-2500 MHz
Insertion Loss	1.1 dB maximum 0.38 dB typical @ 1000 MHz 0.85 dB typical @ 2500 MHz
Attenuation Accuracy (whichever is greater)	± 0.5 dB (1 dB steps) ± 0.5 dB or 3% (10 dB steps)
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, TNC, N or SMA female
Operating Temperature Range	-20°C to +85°C
Lifetime	500,000 attenuation steps (each knob)
Physical Size	See outline drawing 092-3636

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
21271	02/16/2012	B	TRS 02/16/2012	32610	05/10/2023	E	TRS 05/10/2023
28157	10/05/2017	C	TRS 10/05/2017	32707	07/17/2023	F	TRS 07/17/2023
30804	12/03/2020	D	TRS 12/03/2020	33627	09/12/2024	G	TRS 09/12/2024