

SPECIFICATION SHEET

JFW MODEL 50BR-105

BENCH TOP ROTARY ATTENUATOR

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Frequency Range DC-8 GHz

Impedance 50 Ohms nominal

Attenuation Range 0-69 dB in 1 dB steps

VSWR 1.6:1 maximum DC-4 GHz
1.9:1 maximum 4-8 GHz

Attenuation Accuracy ± 0.5 dB (1 dB steps)
± 1.0 dB or 3% (10 dB steps)

Insertion Loss 1.8 dB maximum

RF Input Power 2 Watts average @ 25°C
Derate to 1 Watt average @ 50°C

Peak Power 200 Watts peak (5 uSec, 0.5% duty cycle)

Direction of Rotation Attenuation increases in a Clockwise direction

Indexing (1 dB steps)
36 degrees with no stop between minimum and maximum settings

(10 dB steps)
36 degrees with stop between minimum and maximum settings

RF Connector SMA female

Operating Temperature Range 0°C to +50°C

Physical Size See outline drawing 092-5899

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/16/2008		TRS 09/16/2008				
23479	11/26/2013	A	TRS 11/27/2013				
28192	10/17/2017	B	TRS 10/17/2017				