

SPECIFICATION SHEET

JFW MODEL 50BR-161

BENCH TOP ROTARY ATTENUATOR

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Frequency Range	DC-18 GHz
Impedance	50 Ohms nominal
Attenuation Range	0-121 dB in 1 dB steps
VSWR	2.5:1 maximum < 1.5:1 typical DC-9 GHz < 1.8:1 typical 9-18 GHz
Attenuation Accuracy	± 0.9 dB (1 dB steps) ± 0.9 dB or 4% (10 dB steps)
Insertion Loss	5.5 dB maximum 1.16 dB typical @ 4 GHz 1.50 dB typical @ 6 GHz 1.95 dB typical @ 8 GHz 2.70 dB typical @ 12 GHz 3.55 dB typical @ 18 GHz
RF Input Power	1 Watt average
Lifetime (typical)	5 million cycles
Direction of Rotation	Attenuation increases in a Counter-Clockwise direction (stops at minimum and maximum)
RF Connector	N or SMA female
Operating Temperature Range	0°C to +50°C
Outline Drawing Numbers	092-9581-01 (N female) 092-9581-02 (SMA female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/09/2020		TRS 07/09/2020				