

SPECIFICATION SHEET**JFW MODEL 50BR-147****BENCH TOP ROTARY ATTENUATOR**

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Frequency Range DC-3000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-110 dB in 1 dB steps

VSWR
1.9:1 maximum
1.7:1 typical (up to 20 dB)
1.6:1 typical (up to 50 dB)
1.2:1 typical (up to 110 dB)

Attenuation Accuracy
1 dB steps: ± 0.5 dB maximum
10 dB steps: ± 0.7 dB or 4% maximum
 ± 0.5 dB or 2% typical

Insertion Loss
3.0 dB maximum
0.8 dB typical @ 700 MHz
2.2 dB typical @ 3000 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
N, SMA or TNC

Available Model Numbers
50BR-147 N (N female/female)
50BR-147 SMA (SMA female/female)
50BR-147 TNC (TNC female/female)

Operating Temperature Range -20°C to +85°C

Lifetime 500,000 attenuation steps (each knob)

Outline Drawing Number 092-6147 (50BR-147 N)

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