

SPECIFICATION SHEET

JFW MODEL 50BR-167

BENCH TOP ROTARY ATTENUATOR

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Frequency Range DC-3600 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-110 dB in 1 dB steps

VSWR
2.3:1 maximum
< 1.9:1 typical (0 dB)
< 1.7:1 typical (up to 10 dB)
< 1.5:1 typical (up to 110 dB)

Attenuation Accuracy
1 dB steps: ± 1.0 dB maximum
± 0.5 dB typical
10 dB steps: ± 1.5 dB or 6% maximum
± 1.0 dB or 3% typical

Insertion Loss
3.8 dB maximum
1.1 dB typical @ 1000 MHz
1.6 dB typical @ 2000 MHz
2.4 dB typical @ 3000 MHz
3.2 dB typical @ 3600 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

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

Lifetime
500,000 attenuation steps (each knob)

Outline Drawing Number
092-10352 (50BR-167 N)
092-10352-01 (50BR-167 SMA)
092-10352-02 (50BR-167 TNC)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
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