

**SPECIFICATION SHEET****JFW MODEL 50BR-008****BENCH TOP ROTARY ATTENUATOR**

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Frequency Range DC-2200 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-80 dB in 1 dB steps

VSWR 1.3:1 maximum DC-1000 MHz  
1.6:1 maximum 1000-2200 MHz

Attenuation Accuracy  $\pm 0.5$  dB maximum or 1% DC-500 MHz  
 $\pm 0.5$  dB maximum or 2% 500-1000 MHz  
 $\pm 0.5$  dB maximum or 3% 1000-2200 MHz  
(whichever is greater)

Insertion Loss 0.5 dB maximum DC-1000 MHz  
1.0 dB maximum 1000-2200 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 BNC, SMA or N female

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

Lifetime 500,000 attenuation steps (each knob)

Physical Size See outline drawing 092-536 (BNC)  
092-7444 (SMA)

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE       | REV | APPR / DATE    |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
|           | 06/07/2001 |     |                | 21889     | 09/06/2012 | C   | TRS 09/06/2012 |
| 9999      | 05/05/2003 | A   | TRS 02/24/2004 | 28157     | 10/05/2017 | D   | TRS 10/05/2017 |
| 20874     | 11/09/2011 | B   | TRS 11/09/2011 |           |            |     |                |