

**SPECIFICATION SHEET**

**JFW MODEL 50BR-068**

**BENCH TOP ROTARY ATTENUATOR**

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|                             |  |
|-----------------------------|--|
| Frequency Range             | DC-2550 MHz  |
| Impedance                   | 50 Ohms nominal  |
| Attenuation Range           | 0-110 dB in 1 dB steps   |
| VSWR                        | 1.3:1 maximum DC-1000 MHz<br>1.5:1 maximum 1000-1500 MHz<br>1.7:1 maximum 1500-2550 MHz                              |
| Attenuation Accuracy        | ± 0.5 dB or 2% DC-1000 MHz<br>± 0.5 dB or 3% 1000-1500 MHz<br>± 0.5 dB or 4% 1500-2550 MHz<br>(whichever is greater) |
| Insertion Loss              | 1.8 dB maximum   |
| RF Input Power              | 2 Watts average<br>1000 Watts Peak   |
| Direction of Rotation       | Attenuation increases in a Clockwise direction   |
| Indexing                    | 30 degrees with stops at Minimum and maximum   |
| RF Connector                | BNC, N, SMA or TNC female  |
| Operating Temperature Range | -20° to +85° C   |
| Lifetime                    | 500,000 attenuation steps (each knob)  |
| Physical Size               | See outline drawing 092-4394   |

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE       | REV | APPR / DATE    |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
|           | 02/02/2004 |     | BAC 02/02/2004 | 19726     | 02/22/2011 | C   | TRS 02/22/2011 |
| 14231     | 06/05/2007 | A   | TRS 06/05/2007 | 20173     | 05/26/2011 | D   | TRS 05/26/2011 |
| 17675     | 09/11/2009 | B   | TRS 09/11/2009 | 28157     | 10/05/2017 | E   | TRS 10/05/2017 |