

**SPECIFICATION SHEET**  
**JFW MODEL 50DR-010**  
**DUAL ROTARY ATTENUATOR**

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|                             |  |
|-----------------------------|--|
| Frequency Range             | DC-2000 MHz  |
| Impedance                   | 50 Ohms nominal  |
| Attenuation Range           | 0-30 dB in 1 dB steps                                      |
| VSWR                        | 1.4:1 maximum  |
| Insertion Loss              | 0.5 dB maximum to 1000 MHz<br>0.7 dB maximum to 2000 MHz   |
| Attenuation Accuracy        | ± 0.3 dB or 1% DC-1000 MHz<br>± 0.5 dB or 2% 1000-2000 MHz |
| 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°C to +85°C   |
| Physical Size               | See outline drawing 092-2703                               |

| ECR/ECN # | DATE       | REV | APPR / DATE | ECR/ECN # | DATE       | REV | APPR / DATE    |
|-----------|------------|-----|-------------|-----------|------------|-----|----------------|
|           | 03/01/1991 |     |             | 2864      | 01/07/2002 | C   |                |
| 882       | 11/07/1997 | A   |             | 9999      | 05/06/2003 | D   | TRS 03/05/2004 |
| 941       | 01/13/1998 | B   |             |           |            |     |                |