

**SPECIFICATION SHEET**

**JFW MODEL 50R-234**

**ROTARY ATTENUATOR**

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|                       |  |
|-----------------------|--|
| Frequency Range       | DC-2550 MHz  |
| Impedance             | 50 Ohms nominal  |
| Attenuation Range     | 0-100 dB in 10 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  |
| Insertion Loss        | 1 dB maximum   |
| Attenuation Accuracy  | ± 0.3 dB or 1% DC-500 MHz<br>± 0.5 dB or 2% 500-1000 MHz<br>± 0.5 dB or 3% 1000-1500 MHz<br>± 0.5 dB or 4% 1500-2550 MHz<br>(whichever is greater) |
| RF Input Power        | 1 Watt average<br>1000 Watts peak  |
| Direction of Rotation | Attenuation increases in a Clockwise direction   |
| Indexing              | 30 degrees   |
| RF Connector          | N or SMA female  |
| Physical Size         | See outline drawing 092-2275   |

| ECR/ECN # | DATE       | REV | APPR / DATE | ECR/ECN # | DATE       | REV | APPR / DATE    |
|-----------|------------|-----|-------------|-----------|------------|-----|----------------|
|           | 01/13/1995 |     |             | 9999      | 05/01/2003 | C   | TRS 05/16/2007 |
| 389       | 02/13/1995 | A   |             |           |            |     |                |
| 855       | 10/09/1997 | B   |             |           |            |     |                |