

**SPECIFICATION SHEET**

**JFW MODEL 50R-401**

**ROTARY ATTENUATOR**

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|                             |   |
|-----------------------------|---|
| Frequency Range             | DC-8 GHz  |
| Impedance                   | 50 Ohms nominal   |
| Attenuation Range           | 0-60 dB in 10 dB steps  |
| VSWR                        | 1.3:1 maximum DC-4 GHz<br>1.6:1 maximum 4-8 GHz   |
| Insertion Loss              | 0.7 dB maximum  |
| Attenuation Accuracy        | ± 0.5 dB or 2% DC-4 GHz<br>± 1.0 dB or 3% 4-8 GHz<br>(whichever is greater)                       |
| RF Input Power              | 2 Watts average @ 25°C<br>Derate to 1 Watt average @ 50°C<br>200 Watts peak (1 microsecond pulse) |
| Direction of Rotation       | Attenuation increases in a Clockwise direction  |
| Indexing                    | 36 degrees with stop between minimum and maximum settings   |
| RF Connector                | SMA female  |
| Operating Temperature Range | 0°C to +50°C  |
| Physical Size               | See outline drawing 092-5898  |

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
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