

SPECIFICATION SHEET

JFW MODEL 50BR-148

BENCH TOP ROTARY ATTENUATOR

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Frequency Range DC-3000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-80 dB in 1 dB steps

VSWR 1.8:1 maximum
1.6:1 typical (up to 20 dB)
1.4:1 typical (up to 80 dB)

Attenuation Accuracy 1 dB steps: ± 0.5 dB maximum
10 dB steps: ± 1.0 dB or 4% maximum
± 0.5 dB or 2% typical

Insertion Loss 1.9 dB maximum
0.7 dB typical @ 700 MHz
1.4 dB typical @ 3000 MHz

RF Input Power 2 Watts average

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

Lifetime 500,000 attenuation steps (each knob)

Physical Size See outline drawing 092-5942

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
| | 04/22/2016 | | TRS 04/22/2016 | 30503 | 07/02/2020 | C | TRS 07/02/2020 |
| 27338 | 12/09/2016 | A | TRS 12/09/2016 | | | | |
| 28157 | 10/05/2017 | B | TRS 10/05/2017 | | | | |

