

SPECIFICATION SHEET**JFW MODEL 50DR-096****DUAL ROTARY ATTENUATOR**

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Frequency Range DC-3000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-30 dB in 1 dB steps

VSWR 1.4:1 maximum to 1000 MHz
1.5:1 maximum to 2000 MHz
1.7:1 maximum to 3000 MHz

Insertion Loss 1.2 dB maximum
0.3 dB typical @ 1000 MHz
0.6 dB typical @ 2000 MHz
1.0 dB typical @ 3000 MHz

Attenuation Accuracy (whichever is greater) ± 0.5 dB (1 dB steps)
 ± 0.5 dB or 4% (10 dB steps)

RF Input Power 2 Watts average
1000 Watts peak

Direction of Rotation Attenuation increases in a Clockwise direction

RF Connector SMA, TNC or N female

Operating Temperature Range -20°C to $+85^{\circ}\text{C}$

Lifetime 500,000 attenuation steps (each knob)

Knob/Panel Mounting Drawing 092-8435-02

Outline Drawing 092-1748 (50DR-096 SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
12142	11/15/2005	B	BAC 11/15/2005	28157	10/05/2017	E	TRS 10/05/2017
14385	07/11/2007	C	TRS 07/11/2007	29041	09/25/2018	F	TRS 09/25/2018
25776	09/28/2015	D	TRS 09/29/2015	33639	09/13/2024	G	TRS 09/13/2024