

SPECIFICATION SHEET

JFW MODEL 50DR-046

DUAL ROTARY ATTENUATOR

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Frequency Range DC-2500 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-50 dB in 1 dB steps

VSWR 1.4:1 maximum DC-1000 MHz
1.6:1 maximum 1000-2500 MHz

Insertion Loss 1.1 dB maximum
0.38 dB typical @ 1000 MHz
0.85 dB typical @ 2500 MHz

Attenuation Accuracy ± 0.5 dB (1 dB steps)
(whichever is greater) ± 0.5 dB or 3% (10 dB steps)

RF Input Power 2 Watts average
1000 Watts peak

Direction of Rotation Attenuation increases in a Clockwise
direction

Indexing 30 degrees with stops at
Minimum and maximum

RF Connector BNC, TNC, N or SMA female

Operating Temperature Range -20°C to +85°C

Lifetime 500,000 attenuation steps (each knob)

Knob/Panel Mounting Drawing 092-8435-02

Outline Drawings 092-1513-06 (50DR-046 BNC)
092-5280 (50DR-046 TNC)
092-440-06 (50DR-046 SMA)
092-327-06 (50DR-046 N)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
22057	10/26/2012	D	TRS 10/26/2012	32610	05/10/2023	G	TRS 05/10/2023
25776	09/29/2015	E	TRS 09/29/2015	32707	07/17/2023	H	TRS 07/17/2023
28157	10/05/2017	F	TRS 10/05/2017	33627	09/12/2024	I	TRS 09/12/2024