

SPECIFICATION SHEET
JFW MODEL 50DR-111
DUAL ROTARY ATTENUATOR

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Frequency Range DC-2700 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-60 dB in 1 dB steps

VSWR 1.4:1 maximum DC-1000 MHz
 1.6:1 maximum 1000-2700 MHz

Insertion Loss 1.2 dB maximum
 0.44 dB typical @ 1000 MHz
 0.85 dB typical @ 2700 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, 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 092-1513-05 (50DR-111 BNC)
 092-327-05 (50DR-111 N)
 092-440-05 (50DR-111 SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
17283	06/04/2009	A	TRS 06/04/2009	31619	02/18/2022	D	TRS 02/18/2022
25776	09/28/2015	B	TRS 09/29/2015	32612	05/10/2023	E	TRS 05/10/2023
28157	10/05/2017	C	TRS 10/05/2017	33629	09/12/2024	F	TRS 09/12/2024