

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 or 3% (whichever is greater)
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
	11/17/2004		BAC 11/17/2004	28157	10/05/2017	C	TRS 10/05/2017
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