

SPECIFICATION SHEET
JFW MODEL 50DR-055
DUAL ROTARY ATTENUATOR

JFW Industries, Inc.
 Phone: 317-887-1340
 sales@jfwindustries.com
 www.jfwindustries.com

Frequency Range DC-2000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-30 dB in 1 dB steps

VSWR 1.3:1 maximum DC-1000 MHz
 1.5:1 maximum 1000-2000 MHz

Insertion Loss 1.0 dB maximum
 0.7 dB typical @ 2000 MHz

Attenuation Accuracy ± 0.4 dB (1 dB steps)
 (whichever is greater) ± 0.4 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* SMA, BNC, TNC, RPT, N or 4.1/9.5 Mini-DIN
 female
 RPT female = Reverse Polarity TNC female
 (female body/male pin)

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

Lifetime 500,000 attenuation steps (each knob)

Knob/Panel Mounting Drawing 092-8435-02

Outline Drawings 092-1748 (50DR-055 SMA)
 092-5760 (50DR-055 BNC)
 092-6720 (50DR-055 N)
 092-6733 (50DR-055 RPT)
 092-8367 (50DR-055 4.1/9.5)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
19163	09/22/2010	D	TRS 09/22/2010	25776	09/28/2015	G	TRS 09/29/2015
19178	09/28/2010	E	TRS 09/28/2010	28157	10/05/2017	H	TRS 10/05/2017
25572	07/28/2015	F	TRS 07/28/2015	33638	09/13/2024	I	TRS 09/13/2024