

**SPECIFICATION SHEET**  
**JFW MODEL 50PM-163-XX**  
**PANEL MOUNTED ROTOR**

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Configuration Panel mounted 50DR-111 rotary attenuator(s) on a 19 inch rack mountable panel with RF connectors on the front panel

Attenuation Range 0-60 dB in 1 dB steps

Frequency Range DC-2700 MHz

Impedance 50 Ohms nominal

VSWR 1.8:1 maximum  
 1.4:1 typical @ 1000 MHz  
 1.6:1 typical @ 2700 MHz

Insertion Loss 2.3 dB maximum  
 1.9 dB typical

Attenuation Accuracy (whichever is greater) ± 0.5 dB (1 dB steps)  
 ± 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 N female or SMA female (located on front panel)

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

Lifetime 500,000 attenuation steps (each knob)

Outline Drawing Numbers 092-10298-01 (one N attenuator)  
 092-10298-02 (two N attenuators)  
 092-10298-03 (three N attenuators)  
 092-10333-04 (four SMA attenuators)  
 092-10333-05 (five SMA attenuators)

Available Models 50PM-163-01 N (one attenuator)  
 50PM-163-02 N (two attenuators)  
 50PM-163-03 N (three attenuators)  
 50PM-163-01 SMA (one attenuator)  
 50PM-163-02 SMA (two attenuators)  
 50PM-163-03 SMA (three attenuators)  
 50PM-163-04 SMA (four attenuators)  
 50PM-163-05 SMA (five attenuators)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/23/2024		TRS 05/23/2024				
33533	08/08/2024	A	TRS 08/08/2024				
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