

**SPECIFICATION SHEET**  
**JFW MODEL 50PM-165-XX**  
**PANEL MOUNTED ROTOR**

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Configuration	Panel mounted 50DR-143 rotary attenuator(s) on a 19 inch rack mountable panel with RF connectors on the front panel
Attenuation Range	0-80 dB in 1 dB steps
Frequency Range	DC-3000 MHz
Impedance	50 Ohms nominal
VSWR	1.9:1 maximum 1.6:1 typical
Insertion Loss	2.3 dB maximum 1.8 dB typical
Attenuation Accuracy	± 0.5 dB (1 dB steps) ± 0.7 dB or 4% (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-165-01 N (one attenuator) 50PM-165-02 N (two attenuators) 50PM-165-03 N (three attenuators) 50PM-165-01 SMA (one attenuator) 50PM-165-02 SMA (two attenuators) 50PM-165-03 SMA (three attenuators) 50PM-165-04 SMA (four attenuators) 50PM-165-05 SMA (five attenuators)

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