

**SPECIFICATION SHEET**  
**JFW MODEL 50PM-117-XX**  
**PANEL MOUNTED ROTOR**

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Configuration Panel mounted 50DR-096 rotary attenuator(s) on a 19 inch rack mountable panel

Attenuation Range 0-30 dB in 1 dB steps

Frequency Range DC-3000 MHz

Impedance 50 Ohms nominal

VSWR 1.4:1 maximum to 1000 MHz  
 1.5:1 maximum to 2000 MHz  
 1.7:1 maximum to 3000 MHz

Insertion Loss 1.1 dB maximum

Attenuation Accuracy (whichever is greater)  $\pm 0.25$  dB or 2% DC-1000 MHz  
 $\pm 0.40$  dB or 3% 1000-2000 MHz  
 $\pm 0.50$  dB or 4% 2000-3000 MHz

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, TNC or N female

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

Lifetime 500,000 attenuation steps (each knob)

Outline Drawing Numbers 092-8564-01 (1RU models)  
 092-8565-01 (2RU models)

Available 1RU Models 50PM-117-01 (1 attenuator)  
 (add RF connector type to 50PM-117-02 (2 attenuators)  
 complete model number) 50PM-117-03 (3 attenuators)  
 50PM-117-04 (4 attenuators)  
 50PM-117-01-3EP (1 attenuator, 3 empty positions)  
 50PM-117-02-2EP (2 attenuators, 2 empty positions)  
 50PM-117-03-1EP (3 attenuators, 1 empty positions)

Available 2RU Models 50PM-117-06 (6 attenuators)  
 (add RF connector type to 50PM-117-08 (8 attenuators)  
 complete model number) 50PM-117-01-7EP (1 attenuator, 7 empty positions)  
 50PM-117-02-6EP (2 attenuators, 6 empty positions)  
 50PM-117-03-5EP (3 attenuators, 5 empty positions)  
 50PM-117-04-4EP (4 attenuators, 4 empty positions)  
 50PM-117-05-3EP (5 attenuators, 3 empty positions)  
 50PM-117-06-2EP (6 attenuators, 2 empty positions)  
 50PM-117-07-1EP (7 attenuators, 1 empty position)

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