

**SPECIFICATION SHEET****JFW MODEL 50PM-120-XX****PANEL MOUNTED ROTOR**

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Configuration Panel mounted 50DR-111 rotary attenuator(s) on a 19 inch rack mountable panel

Attenuation Range 0-60 dB in 1 dB steps

Frequency Range DC-2700 MHz

Impedance 50 Ohms nominal

VSWR 1.35:1 maximum DC-1000 MHz  
1.50:1 maximum 1000-2700 MHz

Insertion Loss 0.6 dB maximum DC-1000 MHz  
1.2 dB maximum 1000-2700 MHz

Attenuation Accuracy  $\pm 0.5$  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 SMA female or N female

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

Lifetime 500,000 attenuation steps (each knob)

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

Available 1RU Models  
(add RF connector type to complete model number)

|                 |                                    |
|-----------------|------------------------------------|
| 50PM-120-01     | (1 attenuator)                     |
| 50PM-120-02     | (2 attenuators)                    |
| 50PM-120-03     | (3 attenuators)                    |
| 50PM-120-04     | (4 attenuators)                    |
| 50PM-120-01-3EP | (1 attenuator, 3 empty positions)  |
| 50PM-120-02-2EP | (2 attenuators, 2 empty positions) |
| 50PM-120-03-1EP | (3 attenuators, 1 empty positions) |

Available 2RU Models  
(add RF connector type to complete model number)

|                 |                                    |
|-----------------|------------------------------------|
| 50PM-120-06     | (6 attenuators)                    |
| 50PM-120-08     | (8 attenuators)                    |
| 50PM-120-01-7EP | (1 attenuator, 7 empty positions)  |
| 50PM-120-02-6EP | (2 attenuators, 6 empty positions) |
| 50PM-120-03-5EP | (3 attenuators, 5 empty positions) |
| 50PM-120-04-4EP | (4 attenuators, 4 empty positions) |
| 50PM-120-05-3EP | (5 attenuators, 3 empty positions) |
| 50PM-120-06-2EP | (6 attenuators, 2 empty positions) |
| 50PM-120-07-1EP | (7 attenuators, 1 empty position)  |

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
|           | 06/06/2016 |     | TRS 06/06/2016 |           |      |     |             |
| 28157     | 10/05/2017 | A   | TRS 10/05/2017 |           |      |     |             |