

**SPECIFICATION SHEET****JFW MODEL 50PM-118-XX****PANEL MOUNTED ROTOR**

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Configuration Panel mounted 50DR-140 rotary attenuator(s) on a 19 inch rack mountable panel

Attenuation Range 0-30 dB in 1 dB steps

Frequency Range DC-3500 MHz

Impedance 50 Ohms nominal

VSWR 1.9:1 maximum / 1.6:1 typical

Insertion Loss 1.9 dB maximum / 1.5 dB typical

Attenuation Accuracy (1 dB steps)  
± 1.0 dB maximum / ± 0.5 dB typical  
(10 dB steps)  
± 1.5 dB maximum / ± 1.0 dB typical

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

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-118-01 (1 attenuator)  
(add RF connector type to 50PM-118-02 (2 attenuators)  
complete model number) 50PM-118-03 (3 attenuators)  
50PM-118-04 (4 attenuators)  
50PM-118-01-3EP (1 attenuator, 3 empty positions)  
50PM-118-02-2EP (2 attenuators, 2 empty positions)  
50PM-118-03-1EP (3 attenuators, 1 empty positions)

Available 2RU Models 50PM-118-06 (6 attenuators)  
(add RF connector type to 50PM-118-08 (8 attenuators)  
complete model number) 50PM-118-01-7EP (1 attenuator, 7 empty positions)  
50PM-118-02-6EP (2 attenuators, 6 empty positions)  
50PM-118-03-5EP (3 attenuators, 5 empty positions)  
50PM-118-04-4EP (4 attenuators, 4 empty positions)  
50PM-118-05-3EP (5 attenuators, 3 empty positions)  
50PM-118-06-2EP (6 attenuators, 2 empty positions)  
50PM-118-07-1EP (7 attenuators, 1 empty position)

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
|           | 06/06/2016 |     | TRS 06/06/2016 |           |      |     |             |
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