

SPECIFICATION SHEET
JFW MODEL 50PM-116-XX
PANEL MOUNTED ROTOR

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Configuration Panel mounted 50DR-055 rotary attenuator(s) on a 19 inch rack mountable panel

Attenuation Range 0-30 dB in 1 dB steps

Frequency Range DC-2000 MHz

Impedance 50 Ohms nominal

VSWR 1.3:1 maximum DC-1000 MHz
 1.5:1 maximum 1000-2000 MHz

Insertion Loss 1.0 dB maximum / 0.7 dB typical

Attenuation Accuracy ± 0.4 dB (1 dB steps)
 (whichever is greater) ± 0.4 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 SMA, BNC, TNC, RP-TNC, N or 4.1/9.5 Mini-DIN 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)
 092-9117 (50PM-116-05 SMA)

Available 1RU Models 50PM-116-01 (1 attenuator)
 (add RF connector type to 50PM-116-02 (2 attenuators)
 complete model number) 50PM-116-03 (3 attenuators)
 50PM-116-04 (4 attenuators)
 50PM-116-05 (5 attenuators with SMA only)
 50PM-116-01-3EP (1 attenuator, 3 empty positions)
 50PM-116-02-2EP (2 attenuators, 2 empty positions)
 50PM-116-03-1EP (3 attenuators, 1 empty positions)

Available 2RU Models 50PM-116-06 (6 attenuators)
 (add RF connector type to 50PM-116-08 (8 attenuators)
 complete model number) 50PM-116-01-7EP (1 attenuator, 7 empty positions)
 50PM-116-02-6EP (2 attenuators, 6 empty positions)
 50PM-116-03-5EP (3 attenuators, 5 empty positions)
 50PM-116-04-4EP (4 attenuators, 4 empty positions)
 50PM-116-05-3EP (5 attenuators, 3 empty positions)
 50PM-116-06-2EP (6 attenuators, 2 empty positions)
 50PM-116-07-1EP (7 attenuators, 1 empty position)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/03/2016		TRS 06/03/2016	33638	09/13/2024	C	TRS 09/13/2024
28157	10/05/2017	A	TRS 10/05/2017				
28843	06/28/2018	B	TRS 06/28/2018				