

SPECIFICATION SHEET
JFW MODEL 50PM-119-XX
PANEL MOUNTED ROTOR

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Configuration Panel mounted 50DR-046 rotary attenuator(s) on a 19 inch rack mountable panel

Attenuation Range 0-50 dB in 1 dB steps

Frequency Range DC-2500 MHz

Impedance 50 Ohms nominal

VSWR 1.4:1 maximum DC-1000 MHz
1.6:1 maximum 1000-2500 MHz

Insertion Loss 1.1 dB maximum
0.38 dB typical @ 1000 MHz
0.85 dB typical @ 2500 MHz

Attenuation Accuracy ± 0.5 dB (1 dB steps)
(whichever is greater) ± 0.5 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 BNC, TNC, N or SMA 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 50PM-119-01 (1 attenuator)
(add RF connector type to 50PM-119-02 (2 attenuators)
complete model number) 50PM-119-03 (3 attenuators)
50PM-119-04 (4 attenuators)
50PM-119-01-3EP (1 attenuator, 3 empty positions)
50PM-119-02-2EP (2 attenuators, 2 empty positions)
50PM-119-03-1EP (3 attenuators, 1 empty positions)

Available 2RU Models 50PM-119-06 (6 attenuators)
(add RF connector type to 50PM-119-08 (8 attenuators)
complete model number) 50PM-119-01-7EP (1 attenuator, 7 empty positions)
50PM-119-02-6EP (2 attenuators, 6 empty positions)
50PM-119-03-5EP (3 attenuators, 5 empty positions)
50PM-119-04-4EP (4 attenuators, 4 empty positions)
50PM-119-05-3EP (5 attenuators, 3 empty positions)
50PM-119-06-2EP (6 attenuators, 2 empty positions)
50PM-119-07-1EP (7 attenuators, 1 empty position)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/06/2016		TRS 06/06/2016	32707	07/17/2023	C	TRS 07/17/2023
28157	10/05/2017	A	TRS 10/05/2017	33627	09/12/2024	C	TRS 09/12/2024
32610	10/05/2023	B	TRS 05/10/2023				