

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

JFW Industries, Inc.
Phone: 317-887-1340
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www.jfwindustries.com

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	0.8 dB maximum
Attenuation Accuracy	± 0.25 dB or 2% DC-1000 MHz ± 0.40 dB or 3% 1000-2000 MHz (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, 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 (add RF connector type to complete model number)	50PM-116-01 (1 attenuator) 50PM-116-02 (2 attenuators) 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)

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Available 2RU Models
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complete model number)

50PM-116-06	(6 attenuators)
50PM-116-08	(8 attenuators)
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				
28157	10/05/2017	A	TRS 10/05/2017				
28843	06/28/2018	B	TRS 06/28/2018				