

## VARIABLE ATTENUATOR

MODEL : PANEL MOUNTED : 50PM-002, 50PM-003, 50PM-009

Model	Frequency Range	Attenuation Range	Attenuation Accuracy	VSWR	Insertion Loss
50PM-002	DC-1000 MHz	0-81 dB in .1 dB steps (1) 50R-210 (1) 50R-211 (1) 50R-212	+/- .02 dB 0-1 dB +/- .1 dB 1-10 dB +/- .2 dB 10-81 dB DC-30 MHz +/- .04 dB 0-1 dB +/- .2 dB 1-10 dB +/- .5 dB 10-81 dB 30-500 MHz +/- .06 dB 0-1 dB +/- .3 dB 1-10 dB +/- .8 dB 10-81 dB 500-1000 MHz	1.1:1 maximum DC-30 MHz 1.3:1 maximum 30-500 MHz 1.5:1 maximum 500-1000 MHz	1.5 dB maximum
50PM-003	DC-1000 MHz	0-50 dB in 1 dB steps (8) 50DR-046	+/- .2 dB DC-250 MHz +/- .5 dB 250-500 MHz +/- 1 dB 500-1000 MHz	1.1:1 maximum DC-250 MHz 1.2:1 maximum 250-500 MHz 1.4:1 maximum 500-1000 MHz	.5 dB maximum
50PM-009	DC-2200 MHz	0-80 dB in 1 dB steps (8) 50DR-061	+/- .5 dB or 3%	1.25:1 maximum DC-1000 MHz 1.5:1 maximum 1000-2200 MHz	.6 dB maximum DC-1000 MHz 1 dB maximum 1000-2200 MHz

### Common Specifications

Impedance	RF Input Power	Operating Temperature	Standard Rotation	Indexing	RF Connectors
50 Ohms	2 Watts average 1000 Watts peak	-20° C to +85° C	Attenuation increases in clockwise direction	30 degrees with stops at minimum and maximum / except 50PM-002 which has no stops	BNC, N, SMA or TNC female

