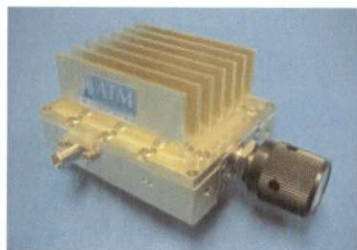


HIGH POWER VARIABLE ATTENUATORS



AH50V Series

50 WATTS*

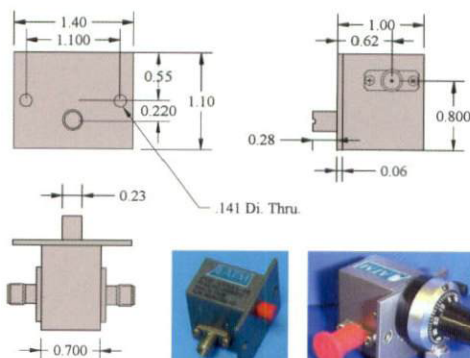
RF CONN: SMA female
INS LOSS: 0.5dB max
VSWR: 1.5 max
RF POWER: 50 W avg
5 Kw peak

*Up to 250 Watts Available

Freq. (GHz)	Atten. Range (dB)	Flatness (+/- dB)	Model No.
0.5 - 1.0	6	N/A	AH50V082-6
0.8 - 1.6	10	N/A	AH50V083L-10
0.9 - 1.75	10	N/A	AH50V083L1-10
1.0 - 2.0	10	N/A	AH50V083-10
2.0 - 4.2	10	N/A	AH50V084-10
4.0 - 8.0	10	N/A	AH50V085-10
7.9 - 12.7	10	N/A	AH50V086-10
11.7 - 18.0	10	N/A	AH50V087-10

For 30W change AH50 to AH30

DC - 1 GHz VARIABLE ATTENUATORS



Standard Model

Dial Option*

AF03 Series

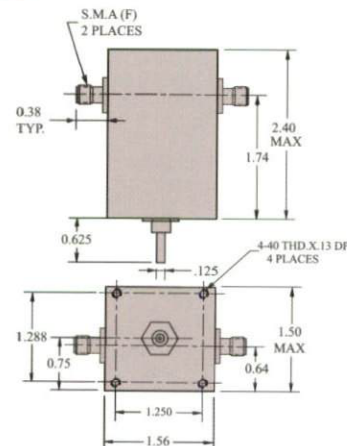
*Multi-Turn, SMA Connectors, Low Insertion Loss

Freq (MHz)	Atten (dB)	I.L. (dB max)	Flatness (+/- dB)	VSWR (max)	Model No. (50 Ohm)	Model No. (75 Ohm)
DC-100	0-15	0.5	0.5	1.8	AF030-15	AF030-15/75
DC-200	0-15	0.5	0.5	1.8	AF031-15	AF031-15/75
DC-500	0-15	0.5	1.0	1.8	AF032-15	AF032-15/75
DC-1000	0-15	1.0	1.5	2.0	AF033-15	N/A

AF02 SERIES

DC-100	0-15	0.5	0.5	1.8	AF020-15	N/A
DC-200	0-15	0.5	0.5	1.8	AF021-15	N/A
DC-500	0-15	0.5	1.0	1.8	AF022-15	N/A
DC-1000	0-15	1.0	1.5	1.8	AF023-15	N/A

*For Turns Counting Dial change P/N from AF0 to AF8



AF04 & AF05 Series

*Multi-Turn, SMA Connectors, Low Insertion Loss

Freq (MHz)	Atten (dB)	I.L. (dB max)	Flatness (+/- dB)	VSWR (max)	Model No. (50 Ohm)	Model No. (75 Ohm)
DC-100	0-30	1.0	1.0	1.5	AF040-30	AF040-30/75
DC-200	0-30	1.0	1.5	1.5	AF041-30	AF041-30/75
DC-500	0-30	1.0	1.5	1.8	AF042-30	AF042-30/75
DC-1000	0-30	3.0	N/A	2.0	AV043-30	N/A

Single-Turn, SMA, Low Insertion Loss, w/Calibration Dial

DC-100	0-30	1.0	1.0	1.5	AF050-30	AF050-30/75
DC-200	0-30	1.0	1.5	1.5	AF051-30	AF051-30/75
DC-500	0-30	1.0	1.5	1.5	AF052-30	AF052-30/75

For Lock Capability Add L to Model No.

ROTARY STEP ATTENUATORS

See ATM Website for Dimensions & Models

Model No. AS013-10-1  Freq. Range: DC-2500 MHz Atten Range: 0-10 dB in 1 dB steps Attenuation Accuracy: ±0.25dB max DC-1100 MHz ±0.5dB max 1100-2200 MHz ±0.5dB or 2% 2200-2500 MHz ±0.6dB max VSWR: DC-1100 MHz 1.2:1 max 1100-2000 MHz 1.5:1 max Insertion Loss: DC-1100 MHz 0.5dB max 1100-2000 MHz 0.5dB max	Model No. AS013-60-10  Freq. Range: DC-2200 MHz Atten Range: 0-60 dB in 10 dB steps Attenuation Accuracy: DC-500 MHz ±0.5dB or 1% 500-1000 MHz ±0.5dB or 2% 1000-2000 MHz ±0.5dB or 3% VSWR: DC-1000 MHz 1.2:1 max 1000-2000 MHz 1.4:1 max Insertion Loss: DC-1000 MHz 0.3dB max 1000-2000 MHz 0.5dB max	Model No. AS013-70-10  Freq. Range: DC-2500 MHz Atten Range: 0-70 dB in 10 dB steps Attenuation Accuracy: DC-500 MHz ±0.5dB or 1% 500-1000 MHz ±0.5dB or 2% 1000-2000 MHz ±0.5dB or 3% VSWR: DC-1000 MHz 1.2:1 max 1000-2000 MHz 1.4:1 max 2000-2500 MHz 1.5:1 max Insertion Loss: DC-1000 MHz 0.3dB max 1000-2000 MHz 0.5dB max 2000-2500 MHz 0.6dB max	Model No. AS113-50-1 Dual Concentric  Freq. Range: DC-2500 MHz Atten Range: 0-50 dB in 1 dB steps Attenuation Accuracy: DC-500 MHz ±0.2dB or 1% 500-1000 MHz ±0.3dB or 3% 1000-2000 MHz ±0.4dB or 3% VSWR: DC-500 MHz 1.2:1 max 500-1000 MHz 1.4:1 max 1000-2500 MHz 1.5:1 max Insertion Loss: DC-1000 MHz 0.5dB max 1000-2500 MHz 1.0dB max	Model No. AS113-110-1 Dual Concentric  Freq. Range: DC-2200 MHz Atten Range: 0-110 dB in 1 dB steps Attenuation Accuracy: DC-500 MHz ±0.5dB or 1% 500-2000 MHz ±0.5dB or 3% VSWR: DC-500 MHz 1.2:1 max 500-1000 MHz 1.4:1 max 1000-2000 MHz 1.5:1 max Insertion Loss: DC-1000 MHz 0.5dB max 1000-2000 MHz 1.0dB max
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