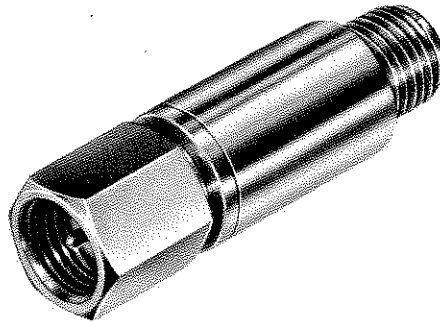


FIXED ATTENUATORS

MINIATURE / DC TO 18 GHz

MICROPADS



the low cost SMA miniature

APPLICATION: The Microlab FXR AG & AH series attenuators are the smallest, low price coaxial attenuators available. They are designed to perform under the rugged environments encountered in system operation at frequencies up to 18.0 GHz. The housing of the attenuator is an integral part of the female SMA connector thus achieving a degree of miniaturization and reliability not previously available.

DESIGN: These attenuators contain resistive networks with integral matching structures. Connector contacts are captivated to absorb mating and unmating stresses. The total construction offers superior performance in the smallest package.

SPECIAL DESIGN: Attenuators with electrical characteristics not indicated here can be supplied to your specifications.

FREQUENCY RANGE	AH DC to 18 GHz AG DC to 12.4 GHz
IMPEDANCE	50 ohms
POWER RATING, CW	2 watts
POWER RATING, AVERAGE	1 watt
POWER RATING, PEAK25 kilowatts
CONNECTORS	SMA male and SMA female
TEMPERATURE COEFFICIENT00008 db/db/°C
TEMPERATURE RANGE	-55°C to +125°C
MATERIAL	stainless steel

AH SERIES

ATTENUATION	DC to 18 GHz		LENGTH	WGT. (oz.)	MICROLAB/FXR PART NO.
	ACCURACY (db)	VSWR MAX			
1	±3	1.35	.86 ± .02	0.3	AH-01F
3	±3	1.35	.86 ± .02	0.3	AH-03F
6	±3	1.35	.86 ± .02	0.3	AH-06F
10	±5	1.35	.86 ± .02	0.3	AH-10F
15	±5	1.35	1.02 ± .02	0.4	AH-15F
20	±5	1.35	1.02 ± .02	0.4	AH-20F
25	±1.0	1.35	1.02 ± .02	0.4	AH-25F
30	±1.0	1.35	1.49 ± .02	0.5	AH-30F
35	±1.0	1.35	1.49 ± .02	0.5	AH-35F
40	±1.0	1.35	1.49 ± .02	0.5	AH-40F

AG SERIES

ATTENUATION	DC to 12.4 GHz		LENGTH	WGT. (oz.)	M/FXR PART NO.
	ACCURACY (db)	VSWR MAX			
3	±5	1.25	See Above For AH Series		AG-03F
6	±5	1.25			AG-06F
10	±5	1.25			AG-10F
15	±5	1.25			AG-15F
20	±5	1.25			AG-20F
30	±1.0	1.25			AG-30F
40	±1.0	1.25			AG-40F

Length and weight AG series same as AH series



MICROLAB/FXR

PHONE (201) 992-7700
LIVINGSTON, N. J. 07039