



# Octave Band Current Controlled Attenuators

## FEATURES

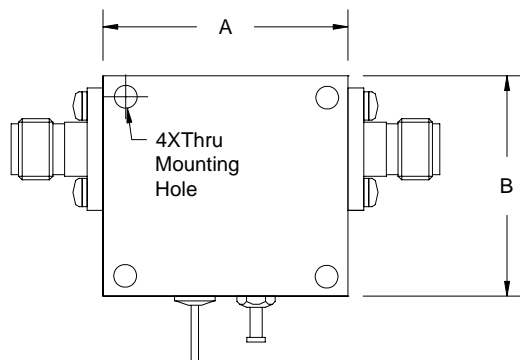
- ❖ Low Insertion Loss
- ❖ Low VSWR
- ❖ High Speed
- ❖ Stable Attenuation vs Temperature
- ❖ High Damage Power

## SPECIFICATIONS

Octave Band Current Controlled Attenuators										
Model Number	Freq. Range (GHz)	Atten. Range (dB)	Insertion Loss (dB)	VSWR	Frequency Flatness (±dB) @					Outline Figure
					15 dB	30 dB	45 dB	55 dB	64 dB	
AC051-64	0.5-1	64	1.5	1.40:1	0.5	1.2	1.5	1.6	1.7	1
AC12-64	1-2	64	1.7	1.45:1	0.5	1.2	1.5	1.6	1.7	2
AC24-64	2-4	64	1.8	1.50:1	0.5	1.2	1.5	1.6	1.7	2
AC36-64	3-6	64	2.1	1.50:1	0.5	1.2	1.5	1.6	1.7	2
AC48-64	4-8	64	2.4	1.64:1	0.5	1.2	1.5	1.6	1.7	3
AC510-64	5-10	64	2.6	1.70:1	0.6	1.3	1.5	1.6	1.7	3
AC612-64	6-12	64	2.8	1.80:1	0.7	1.4	1.6	1.7	1.8	4
AC714-64	7-14	64	3.0	1.80:1	0.7	1.4	1.6	1.7	1.8	4
AC816-64	8-16	64	3.2	2.00:1	0.9	1.5	1.7	1.8	1.9	4

Note 1. Bias current control from 0 mA (insertion loss) to 20 mA (max. attenuation)

Note 2. Switching speed up to 10 ns available on request.



Outline			
Figure	A (inch)	B (inch)	C (inch)
1	5.0	2.5	0.5
2	3.5	1.8	0.5
3	1.8	1.8	0.5
4	1.5	1.5	0.38

