



Eyal Microwave Ltd.

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DIGITAL CONTROLLED ATTENUATOR

MODEL: SA-12-6-1

SPECIFICATIONS

PROJECT: 2337-01

CHARACTERISTIC	6 BIT D.C.A	
Frequency Range (GHz)	1.0÷2.0 GHz	
Attenuation Range	63.0 dB	
Insertion Loss (Max.)	5.0 dB	
VSWR (max)	2.0:1	
Number of Bits	6	
Least Significant Bit (LSB)	1.0 dB	
Monotonicity	G U A R A N T E E D	
Accuracy of Mean Attenuation	±1.0 dB	
Attenuation Flatness	±1.5 dB	
Power Handling	23 dBm	
Switching Time	50% TTL to 10% / 90% RF	35 nSec
Rise and Fall Time	-	
Switch Rate	4.0 MHz	
Control Logic	"0" = I.L. "1": ATT.	
Control Input	True TTL gate	
Power Supply	+5V = ±2% @ 400 mA	
SIZE	DC2	