



Eyal Microwave Ltd.

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DIGITAL CONTROLLED ATTENUATOR

MODEL: SA-0106-5-1

SPECIFICATIONS

PROJECT: 2340/5

CHARACTERISTIC	5 BIT D.C.A	
Frequency Range (GHz)	0.1÷0.6 GHz	
Attenuation Range	31.0 dB	
Insertion Loss (Max.)	5.0 dB	
VSWR (max)	In/out	2.0:1
Number of Bits	5	
Least Significant Bit (LSB)	1 dB	
Monotonicity	G U A R A N T E E D	
Accuracy of Mean Attenuation	±0.5 dB	
Attenuation Flatness	0÷15dB	± 0.5 dB
	16÷31dB	± 0.75 dB
Power Handling	23 dBm	
Switching Time	100 nSec	
Rise and Fall Time	-	
Switch Rate	0.5 MHz	
Control Logic	"1" = I.L. "0": ATT.	
Control Input	True TTL gate	
Power Supply	+5V = ±2% @ 100 mA	
SIZE	DC2	

Operating temperature: -10°C to +50°C

Storage temperature: -40°C to +80°C

Relative humidity: 95%