



Eyal Microwave Ltd.

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## DIGITAL CONTROLLED ATTENUATOR

### MODEL: SA-053-6-1

SPECIFICATIONS

PROJECT: 2446/1

CHARACTERISTIC	<b>6 BIT D.C.A</b>	
Frequency Range (GHz)	0.5÷3.0 GHz	
Attenuation Range	63.0 dB	
Insertion Loss (Max.)	4.5 dB max	
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	Accumulative	± 1.5 dB
	Individual	± 1.0 dB
Power Handling	20 dBm	
Switching Time	5.0uSec	
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% @ 400 mA	
SIZE	DC2/1	

#### Temperature Range

Operating: -45°C to +95°C

Storage: -60°C to +120°C