



Eyal Microwave Ltd.

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DIGITAL CONTROLLED ATTENUATOR

MODEL: SA-14-6-1

SPECIFICATIONS

PROJECT-2492

CHARACTERISTIC	6 BIT D.C.A
Frequency Range (GHz)	1.0÷4.0 GHz
Attenuation Range	63 dB
Insertion Loss (Max.)	4.5 dB
VSWR (max)	2.0:1
Number of Bits	6
Least Significant Bit (LSB)	1.0dB
Monotonicity	GUARANTEED
Accuracy of Mean Attenuation	±1.0dB
Attenuation Flatness	Accumulative ±1.5dB Individual ±1.0dB
Power Handling	20 dBm
Switching Time	300 nSec
Rise and Fall Time	
Switch Rate	0.5 MHz
Control Logic	“0” = I.Loss “1” = ATTEN
Control Input	TRUE TTL GATE
Power Supply	+5.0V / 400mA
Outline	DC-2/1
<u>Pin Designations</u>	
E1	1dB
E2	2dB
E3	4dB
E4	8dB
E5	16dB
E6	32dB
+V	5.0V
-V	-----
G	GROUND