



Eyal Microwave Ltd.

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WIDEBAND DIGITALLY CONTROLLED ATTENUATOR
MODEL: SA-011-7-0.5

SPECIFICATIONS

CHARACTERISTIC	
Frequency Range (GHz)	100.0÷1000.0 GHz
Attenuation Range	63.5 dB
Insertion Loss (Max.)	6.0 dB
VSWR (max)	1.4:1
Number of Bits	4 - 7
Least Significant Bit (LSB)	0.5 dB
Monotonicity	GUARANTEED
Accuracy of Mean Attenuation	0.5 dB ± 0.125 dB ± 2% 1 to 63.5 dB
Attenuation Flatness	±1.5 dB
Power Handling	20 dBm
Switching Time	20 nSec
Rise and Fall Time	-
Switch Rate	0.5 MHz
Control Logic	“0” = I. Loss “1” = Attn
Control Input	TRUE TTL GATE
Power Supply	+5V = ±2% @ 400 mA
Outline	DC 2-11
<u>Pin Designations</u>	
E1	0.5 dB
E2	1.0 dB
E3	2.0 dB
E4	4.0 dB
E5	8.0 dB
E6	16.0 dB
E7	32.0 dB
E8	-
+V	+5V
G	GROUND