



Eyal Microwave Ltd.

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WIDEBAND DIGITALLY CONTROLLED ATTENUATOR **MODEL: SA-26-8-0.25**

SPECIFICATIONS

CHARACTERISTIC	
Frequency Range (GHz)	2.0 ÷ 6.0 GHz
Attenuation Range	63.75 dB
Insertion Loss (Max.)	6.5 dB
VSWR (max)	2.0:1
Number of Bits	8
Least Significant Bit (LSB)	0.25 dB
Monotonicity	GUARANTEED
Accuracy of Mean Attenuation	±0.5 dB 0 to 21 dB ±1.0 dB 22 to 41 dB ±1.5 dB 42 to 63.75 dB
Attenuation Flatness	±0.5 dB 0 to 21 dB ±0.75 dB 22 to 41 dB ±1.25 dB 42 to 63.75 dB
Power Handling	+23 dBm
Switching Time	100 nSec
Rise and Fall Time	-
Switch Rate	4.0 MHz
Control Logic	“0” = I. Loss “1” = Attn
Control Input	TRUE TTL GATE
Power Supply	+5V = 2% @ 450 mA
Outline	DC 18
<u>Pin Designations</u>	
E1	0.25 dB
E2	0.5 dB
E3	1.0 dB
E4	2.0 dB
E5	4.0 dB
E6	8.0 dB
E7	16.0 dB
E8	32.0 dB
+V	+5V
-V	-
G	GROUND