



Eyal Microwave Ltd.

Phone: 972-9-7499100 Fax: 972-9-7493669

Kibbutz Eyal D.N. Hasharon Hatichon 45840 Israel

Web: www.eyal-emi.com Email: emi@eyal-emi.com



WIDEBAND DIGITALLY CONTROLLED ATTENUATOR
MODEL: SA-218-1-25

SPECIFICATIONS

CHARACTERISTIC	
Frequency Range (GHz)	2.0 ÷ 18.0 GHz
Attenuation Range	25 dB
Insertion Loss (Max.)	2.6 dB
VSWR (max)	2.0:1
Number of Bits	1
Least Significant Bit (LSB)	25 dB
Monotonicity	GUARANTEED
Accuracy of Mean Attenuation	±0.5 dB
Attenuation Flatness	±1.5 dB
Power Handling	±23 dBm
Switching Time	30 nSec 50% TTL to 10%/90% RF
Rise and Fall Time	20 nSec
Switch Rate	4.0 MHz
Control Logic	“0” = I. Loss “1” = Attn
Control Input	TRUE TTL GATE
Power Supply	+5V = 5% @ 60 mA -12V = 10% @ 60 mA
Outline	DC 11
<u>Pin Designations</u>	
E1	25 dB
E2	-
E3	-
E4	-
E5	-
E6	-
E7	-
E8	-
+V	+5V
-V	-12V
G	GROUND