



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 HIGH FREQUENCY D.C.A 6÷18 GHz
MODEL: SA-618-3-1

SPECIFICATIONS

CHARACTERISTIC	
Frequency Range (GHz)	6.0 ÷ 18.0 GHz
Attenuation Range	7.0 dB
Insertion Loss (Max.)	6.5 dB
VSWR (max)	2.0:1
Number of Bits	3
Least Significant Bit (LSB)	1 dB
Monotonicity	GUARANTEED
Accuracy of Mean Attenuation	±0.5 dB
Attenuation Flatness	±0.75 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 = 2% @ 200 mA -12V ± 2% @ 150 mA
Outline	DC 13
<u>Pin Designations</u>	
E1	1 dB
E2	2 dB
E3	4 dB
E4	-
E5	-
E6	-
E7	-
E8	-
+V	+5V
-V	-12V
G	GROUND