



Eyal Microwave Ltd.

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WIDEBAND HIGH FREQUENCY D.C.A 6÷18 GHz

MODEL: SA-618-6-1

SPECIFICATIONS

CHARACTERISTIC	
Frequency Range (GHz)	6.0 ÷ 18.0 GHz
Attenuation Range	63 dB
Insertion Loss (Max.)	13 dB
VSWR (max)	2.0:1
Number of Bits	6
Least Significant Bit (LSB)	1 dB
Monotonicity	GUARANTEED
Accuracy of Mean Attenuation	±0.6 dB 0 to 15 dB ±1.0 dB 16 to 32 dB ±1.5 dB 33 to 63 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 = 2% @ 450 mA -12V ± 2% @ 250 mA
Outline	DC 22
<u>Pin Designations</u>	
E1	1 dB
E2	2 dB
E3	4 dB
E4	8 dB
E5	16 dB
E6	32 dB
E7	-
E8	-
+V	+5V
-V	-12V
G	GROUND