



Eyal Microwave Ltd.

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WIDEBAND DIGITALLY CONTROLLED ATTENUATOR **MODEL: SA26-6-1**

SPECIFICATIONS

| | |
|------------------------------|--|
| CHARACTERISTIC | |
| Frequency Range (GHz) | 2.0 ÷ 6.0 GHz |
| Attenuation Range | 63 dB |
| Insertion Loss (Max.) | 5.0 dB |
| VSWR (max) | 2.0:1 |
| Number of Bits | 6 |
| Least Significant Bit (LSB) | 1 dB |
| Monotonicity | GUARANTEED |
| Accuracy of Mean Attenuation | ±0.3 dB 0 to 31 dB ±1.0 dB > 31 to 63 dB |
| Attenuation Flatness | ±0.5 dB 0 to 15 dB ±0.75 dB 15 to 32 dB ±1.0 dB 32 to 63 dB |
| Power Handling | +23 dBm |
| Switching Time | 30 nSec 50% TTL to 10%/90 RF |
| Rise and Fall Time | 10 nSec |
| Switch Rate | 4.0 MHz |
| Control Logic | “0” = I. Loss “1” = Attn |
| Control Input | TRUE TTL GATE |
| Power Supply | +5V = 2% @ 300 mA |
| Outline | DC 2 |
| <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 | - |
| G | GROUND |