

# MODEL DA-26-4, DA-618-4

## 2-18 GHz, Digital Attenuators

# TECHNICAL BULLETIN

### Description

Two models are provided, to cover the frequency range of 2-18 GHz, in two bands: 2-6GHz (Model DA-26-4) and 6-18GHz Model DA-618-4). Both models are 4-bit digitally controlled, with a dynamic range of 15dB.

The units are designed in microstrip, using PIN diodes to switch ceramic film resistor elements. The units have SMA connectors and solder feed-through bias terminals.

They are intended for military, including airborne, applications. \*(1)



<b>SPECIFICATIONS</b>	<b>MODEL: DA-26-4</b>	<b>MODEL: DA-618-4</b>
Frequency:	2-6 GHz	6-18 GHz
Insertion Loss:	5.0 dBMax.	7.0 dB Max.
Attenuation range:	15 dB Min.	15 dB Min.
Attenuation step size:	1 dB nominal	1 dB nominal
Attenuation error:	+ / - 0.5 dB Max.	+ / - 0.8 dB Max.
VSWR:	1.8 :1 Max.	2.0:1 Max.
Input power Max.:	+20 dBm	+20 dBm
Switching speed:	30n Sec., Max.	30n Sec. Max.
Logic Input:	TTL, 4 Bit	TTL 4 Bit
Input power supplies:	+ 5 VDC @ 500 mA DC, and -12 VDC @ 50 mA DC	

\*(1) Environmental conditions: Available upon request.

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