



SPECIFICATIONS

| | |
|------------------------|---|
| Frequency Range: | 1.0 - 4.0 GHz |
| Insertion Loss: | 5.0 dB Max |
| VSWR: | 1.80:1 Max |
| Attenuation Range: | 64 dB |
| Transfer Function: | 8 dB/Volt Typical for 32 dB Att. range. 16 dB/Volt Typical for 64 dB Att. range. |
| Typical Switch Speed: | 600 nsec |
| Operating Power: | ≤ 0 dBm |
| Power Handling: | + 27 dBm Max |
| Operating Temperature: | -25°C to +80°C |
| DC Supply: | +12 to +15 Volts @ 100mA typical -12 to -15 Volts @ 50mA typical |

Attenuator Accuracy vs. Frequency

| Bandwidth (2:1) | | Bandwidth (4:1) | |
|-----------------|------------------|-----------------|------------------|
| Flatness (dB) | Attenuation (dB) | Flatness (dB) | Attenuation (dB) |
| ± 0.5 | 0 - 10 | ± 0.6 | 0 - 10 |
| ± 0.8 | 0 - 20 | ± 1.2 | 0 - 20 |
| ± 1.2 | 0 - 30 | ± 1.8 | 0 - 30 |
| ± 1.5 | 0 - 40 | ± 2.2 | 0 - 40 |
| ± 2.2 | 0 - 64 | ± 3.5 | 0 - 64 |

Notes:

Harmonic distortion is affected by input power and frequency.
Typical distortion is 50 dBc for input power less than 0.0 dBm.
Two tone intermodulation products are typically 54 dBc for input power less than 0.0 dBm.

These attenuators are bi-directional.
Either J1 or J2 can be used as input.

PULSAR

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DESCRIPTION :

Voltage Controlled Linearized Attenuator

MODEL NO. :

AAT-19-479A/7S

DIMENSIONS ARE IN INCHES
DECIMAL TOLERANCE:
2 PLACE $\pm .02$
3 PLACE $\pm .010$

SIZE
A

CAGE CODE :
0HR85

REV CODE :
160615

SCALE : N / A

ALL SPECIFICATIONS ARE SUBJECT TO
CHANGE WITHOUT NOTICE AT ANY TIME

SHEET 1 OF 1