



## SPECIFICATIONS

Frequency Range: 2.0 - 4.0 GHz  
 Insertion Loss: 3.5 dB Max  
 VSWR: 1.80:1 Max  
 Attenuation Range: 32 dB  
 Control Voltage: 0 to +8 Volts Typical  
 Operating Power:  $\leq 0$  dBm  
 Power Handling: + 27 dBm Max  
 Operating Temperature:  $-25^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$

### 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.

### Attenuator Accuracy vs. Frequency

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

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DESCRIPTION :

Voltage Controlled Attenuator

MODEL NO. :

AAT-20-479/3S

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

SIZE  
 A

CAGE CODE :  
 0HR85

REV CODE :

SCALE : N / A

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME

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