



***The Name for  
Attenuators***

<b>ALAN MODEL 50MDA63 SMA MINIATURE PROGRAMMABLE ATTENUATOR ELECTRICAL SPECIFICATIONS</b>	
<b>FREQUENCY RANGE</b>	<b>DC – 1.5 GHz</b>
<b>IMPEDANCE</b>	<b>50 Ohms</b>
<b>ATTENUATION RANGE</b>	<b>0 – 63 dB</b>
<b>ATTENUATION STEPS</b>	<b>1, 2, 4, 8, 16, 32 dB</b>
<b>ATTENUATION ACCURACY (Overall)</b>	<b>DC – 500 MHz: <math>\pm 0.5</math> dB 500-1000 MHz: <math>\pm 0.75</math> dB 1000-1500 MHz: <math>\pm 1.0</math> dB</b>
<b>INSERTION LOSS</b>	<b>3.5 dB maximum</b>
<b>MAXIMUM SWR</b>	<b>1.4:1</b>
<b>AVERAGE POWER</b>	<b>0.5 Watt</b>
<b>CONNECTORS</b>	<b>SMA Female</b>
<b>DC CONTROL</b>	<b>+26 VDC @ 102 ma</b>
<b>SWITCHING SPEED</b>	<b>6 milliseconds maximum</b>
<b>SWITCH LIFE</b>	<b>10,000,000 selections per bit</b>
<b>TEST DATA</b>	<b>Supplied at no charge when requested prior to shipment. Please allow extra 1-3 business days for shipping.</b>
<b>COUNTRY OF ORIGIN</b>	<b>USA</b>
<b>RoHS STATUS</b>	<b>RoHS Compliant</b> Available in a Non-RoHS configuration as a build to order product. Please contact factory to order.

# ***Alan***

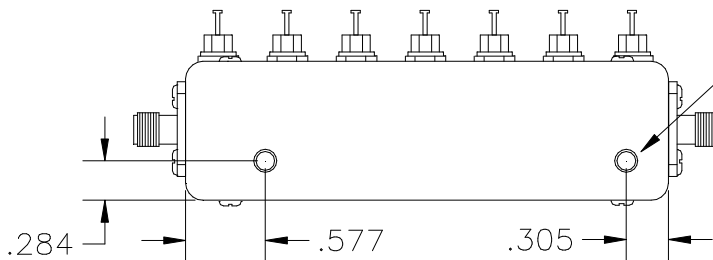
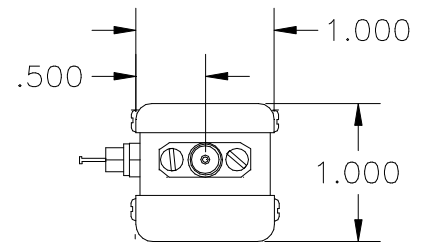
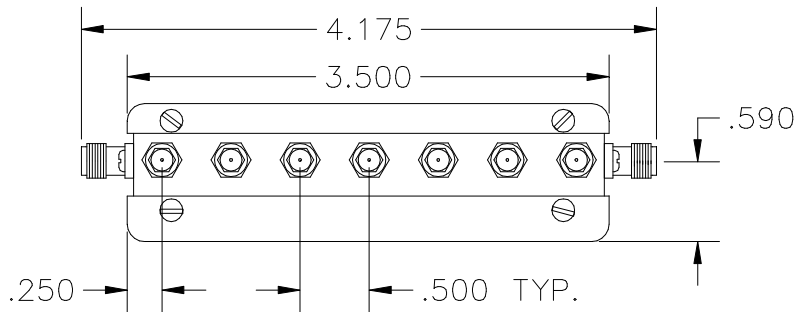
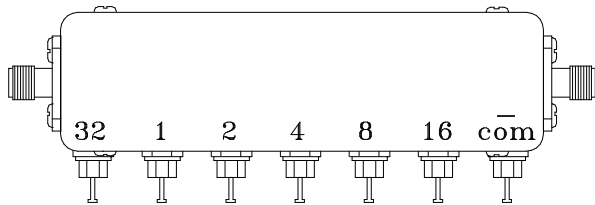
***The Name for Attenuators***

**Alan Industries, Inc. • 745 Greenway Drive • Columbus, Indiana 47201 • USA  
800-423-5190 or 812-372-8869 • Fax: 812-372-5909  
www.alanindustries.com • sales@alanindustries.com**



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### PHYSICAL DIMENSIONS



8-32 THD. 2 PL'S  
MTG. SCREW SHALL NOT  
PENETRATE MORE THAN  
.156 DEEP

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