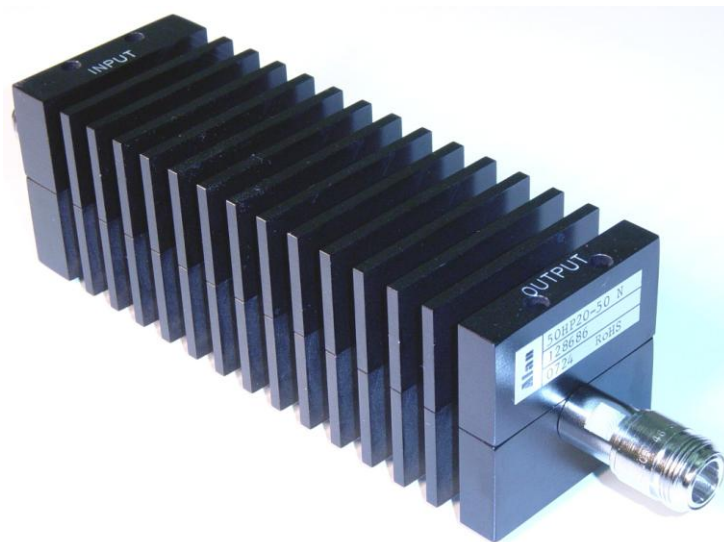




**The Name for
Attenuators**

FIXED ATTENUATORS: HIGH POWER HP Series

Alan Industries' HP Series of Attenuator Pads are available with 25 or 50 Watt average power. Alan Industries uses precision metal film resistive elements in a "T" configuration for attenuation values of 1 - 30 dB.



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**



**The Name for
Attenuators**

25 & 50 Watt HP Series

ELECTRICAL SPECIFICATIONS

| MODEL | 50HP(dB)-25 | 50HP(dB)-50 |
|------------------------|---|------------------------------|
| ATTENUATION VALUES | 1 - 30 dB | |
| FREQUENCY RANGE | DC - 2 GHz | DC - 1 GHz |
| IMPEDANCE | 50 Ohm | |
| ACCURACY | DC - 1 GHz ± 0.5 dB 1 - 2 GHz ± 1.5 dB | ± 0.5 dB |
| MAXIMUM SWR | 1.25:1 | 1.3:1 |
| AVERAGE POWER | 25 Watts | 50 Watts |
| TEMPERATURE RANGE | -25° C to +125° C | |
| INPUT/OUTPUT | Bilateral | Unilateral |
| FINISH | Black Anodize | |
| CONNECTORS | MALE / FEMALE BNC, N, SMA or TNC | FEMALE BNC, N, SMA or TNC |
| RoHS COMPLIANCE | RoHS Compliant upon request | |

TO ORDER SPECIFY: Impedance, Category (HP), Total Attenuation, Average Power, and type of Connectors. For example, to order a 50 Ohm unit with 15 dB attenuation, power of 25 Watts and BNC Connectors, order Alan Model 50HP15-25 BNC.

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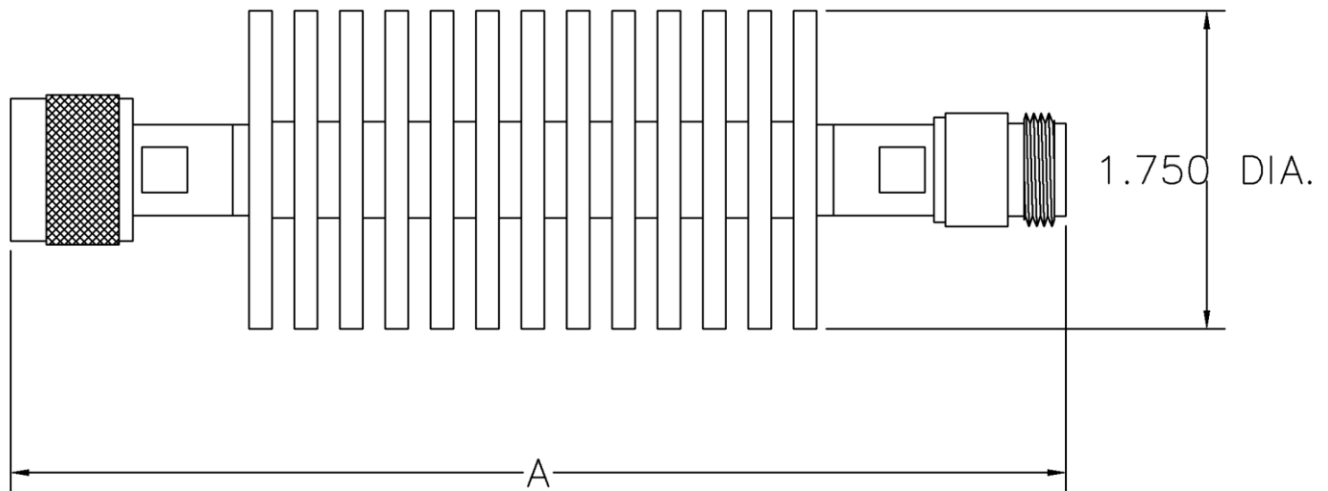
**The Name for
Attenuators**

25 & 50 Watt HP Series

PHYSICAL DIMENSIONS

25 WATT

| CONNECTORS | A |
|-------------------|-------|
| BNC MALE / FEMALE | 5.247 |
| N MALE / FEMALE | 5.836 |
| SMA MALE / FEMALE | 5.125 |
| TNC MALE / FEMALE | 5.237 |



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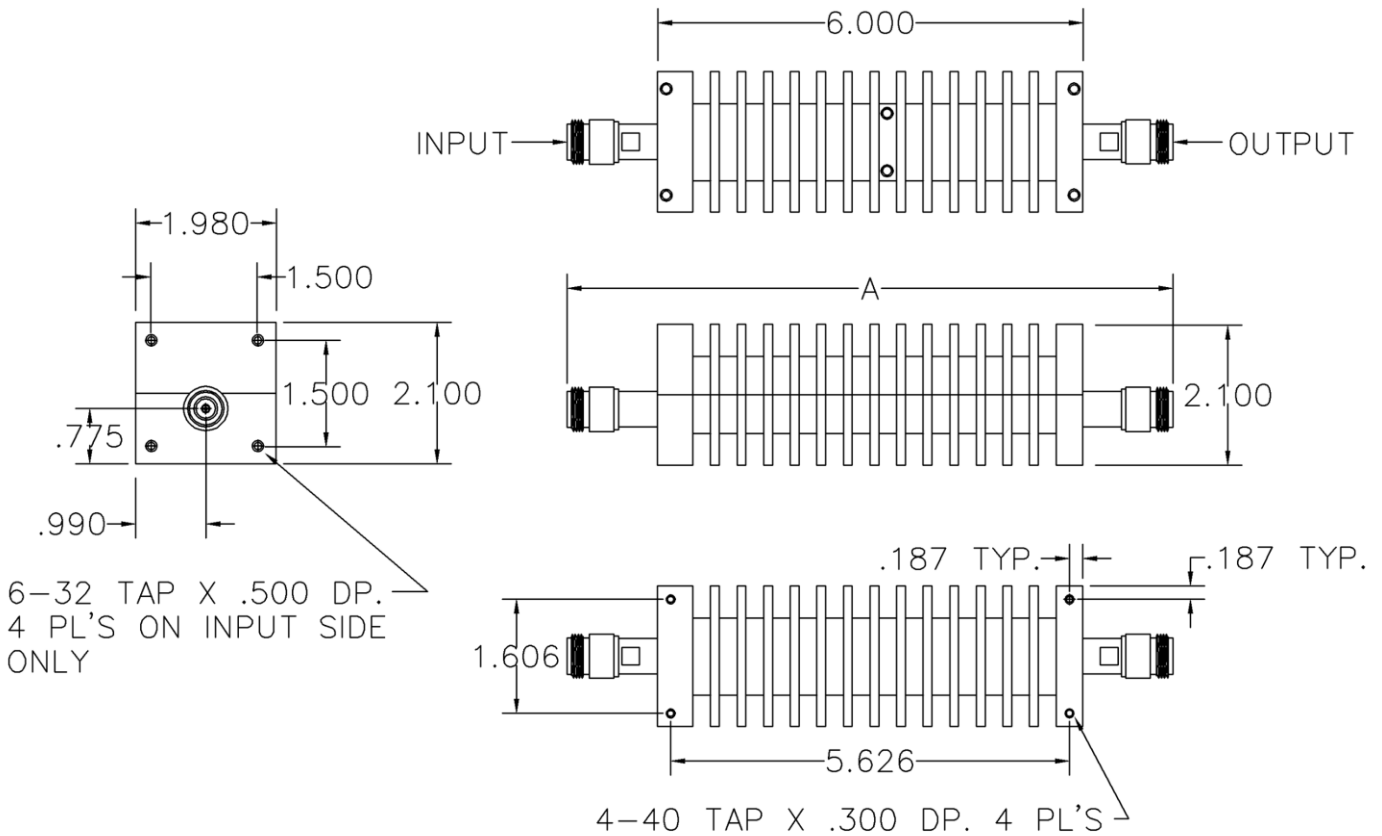


**The Name for
Attenuators**

25 & 50 Watt HP Series

50 WATT

| CONNECTORS | A |
|------------|-------|
| BNC FEMALE | 8.000 |
| N FEMALE | 8.490 |
| SMA FEMALE | 7.300 |
| TNC FEMALE | 8.000 |



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