



**The Name for
Attenuators**

HIGH FREQUENCY FIXED ATTENUATORS: HIGH POWER MHP Series

Alan Industries' MHP Series of Fixed Attenuators are designed to dissipate 5 or 10 Watts average power while exhibiting excellent electrical characteristics over the frequency range of DC - 18 GHz. Two connector options are available for this series, SMA and N. Both are stainless steel per MIL-C-39012.



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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5 & 10 Watt MHP Series

ELECTRICAL SPECIFICATIONS

MODEL	50MHP	50MHP(dB)-10
ATTENUATION VALUES	1 - 60 dB	1 - 30 dB
FREQUENCY RANGE	DC - 18 GHz	
IMPEDANCE	50 Ohm	
ATTENUATION ACCURACY	1 - 6 dB \pm 0.4 dB 7 - 20 dB \pm 0.5dB 21 - 30 dB \pm 1.0dB 31 - 60 dB \pm 1.5dB	1 - 6 dB \pm 0.5 dB 7 - 20 dB \pm 0.7dB 21 - 30 dB \pm 1.0dB
AVERAGE POWER	5 Watts	10 Watts
MAXIMUM SWR	1.35:1	1.4:1
TEMPERATURE RANGE	-55° C to +85° C	
CONNECTOR	N or SMA	
RoHS COMPLIANCE	RoHS Compliant upon request	

TO ORDER SPECIFY: Impedance, category (MHP), attenuation value, for 10 Watt unit (-10) and connector.
For example, to order a 50 Ohm unit with 6 dB of attenuation and N connectors, order Alan Model 50MHP6 N

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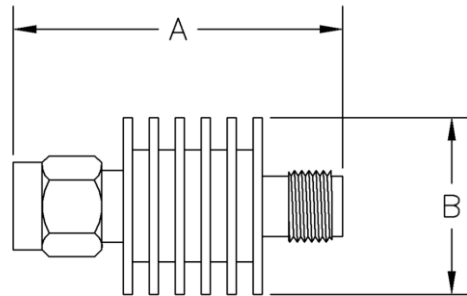
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PHYSICAL DIMENSIONS

5 WATT N & SMA CONNECTOR

CONNECTOR	dB VALUE	A	B
N	1 - 30 dB	1.775	1.500
N	31 - 60 dB	2.055	1.500
SMA	1 - 30 dB	1.210	0.615
SMA	31 - 60 dB	1.490	0.615



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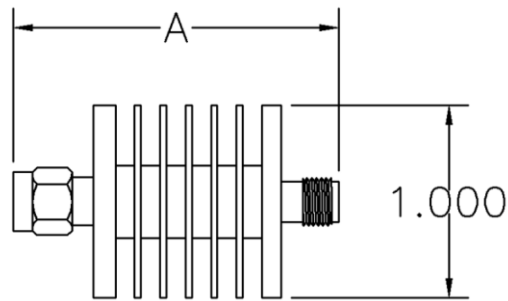
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PHYSICAL DIMENSIONS

10 WATT N & SMA CONNECTOR

CONNECTOR	A
N	2.410
SMA	1.700



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