

A/AH ATTENUATORS

2.9mm

up to 40 GHz

up to 2 Watts

inmet
CORPORATION
An MCE Company

MODELS: A, AH

SPECIFICATIONS:

Electrical:

Frequency Range	DC - 40 GHz	
Standard Freq. Values	26.5 & 40 GHz	
*Standard dB Values	0, 3, 6, 10, 20 & 30 dB	
Attenuation Accuracy	DC - 26.5 GHz	26.5 - 40 GHz
0, 3 & 6 dB	±0.5 dB	±0.8 dB
10 & 20 dB	±0.6 dB	±1.0 dB
30 dB	±0.8 dB	±1.0 dB

VSWR

DC - 18 GHz	1.30:1 Max.
18 - 40 GHz	1.40:1 Max.

Input Power See Below

Peak Power 100 Watts Max.

(5uSec Pulse, .05% Duty Cycle)

Impedance 50 Ohms

Operating Temp Range -65°C to +125°C

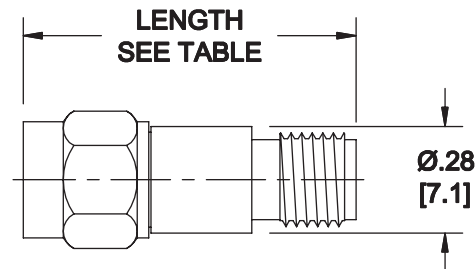
RF Leakage 90 dB Min

Mechanical:

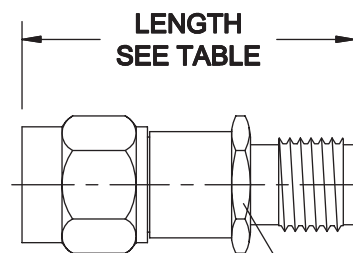
2.9mm Connectors Passivated Stainless Steel

(Mate both Mechanically & Electrically with all SMA, K* & 3.5mm Series Connectors.)

Conductors Gold Plated Beryllium Copper



A STYLE



AH STYLE

* K is a trademark of Wiltron Corp.

26.5 GHz Attenuators

dB Value	LENGTH	
	Inches	Millimeters
0 - 12 dB	.88 ±.05	[22.4 ±1.3]
13 - 30 dB	1.01 ±.05	[25.7 ±1.3]

40 GHz Attenuators

dB Value	LENGTH	
	Inches	Millimeters
0 - 30 dB	.88 ±.05	[22.4 ±1.3]

Input Power 2 Watt Avg. @ 25°C
DERATED LINEARLY TO 0.5 WATTS @ +125°C

Input Power 1 Watt Avg. @ 25°C
DERATED LINEARLY TO 0.5 WATTS @ +125°C

HOW TO ORDER:

Model Number: XXAY-XX

Freq. Range dB Value
26 = DC - 26.5 GHz Style
40 = DC - 40 GHz A = A Style (No Hex)
 AH = AH Style (Hex)

Ordering Examples:

Model Number: 40A-20
DC - 40 GHz; 20 dB; Style A

Model Number: 26AH-6
DC - 26.5 GHz; 6 dB; Style AH

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

*Other dB values, gold plated units and units that operate over a more specific frequency band and/or offer very precise attenuation tolerances are also available.

40A-ATT; REV J