A/AH ATTENUATORS
2.9mm

UP TO 40 GHz
UP TO 2 WATTS

api technologies corp. > INMET

MODELS: A, AH

SPECIFICATIONS:

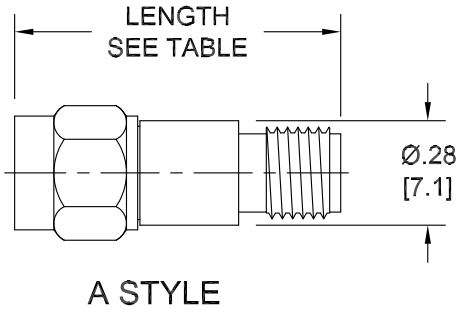
Electrical:

Frequency Range ____ DC – 40 GHz
Standard Freq. Values ____ 26.5 & 40 GHz
*Standard dB Values ____ 0, 3, 6, 10, 20 & 30 dB

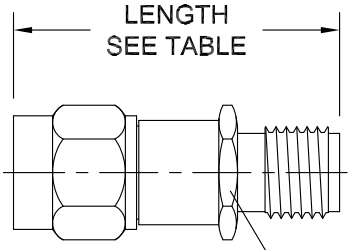
Attenuation Accuracy:

	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
Impedance ____ 50 Ohms
Operating Temp Range ____ –65°C to +125°C
RF Leakage ____ 90 dB Min



A STYLE



AH STYLE — 5/16 [7.9] Hex

Mechanical:

2.9mm Connectors ____ Passivated Stainless Steel
(Mate both Mechanically & Electrically with all SMA, K* & 3.5mm Series Connectors.)
Conductors ____ Gold Plated Beryllium Copper

* K is a trademark of Anritsu/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]

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

40 GHz Attenuators

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

Input Power ____ 0.5 Watts Avg. @ 25°C
DERATED LINEARLY TO 0.1 WATTS @ +125°C

HOW TO ORDER:

Model Number: XXAY-XX
- XX (Freq. Range): 26 = DC – 26.5 GHz; 40 = DC – 40 GHz
- A (Style): A = A Style (No Hex); AH = AH Style (Hex)
- XX (dB Value)

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.
Design specifications are subject to change without notice.
Contact factory for technical specifications before purchasing or use.

300 Dino Drive • Ann Arbor, MI 48103–9457 U.S.A. • 888–244–6638 or 734–426–5553 • FAX 734–426–5557 • inmet.apitech.com

Downloaded from Arrow.com.