A/AH ATTENUATORS
SMA - GENERAL PURPOSE

DC - 18 GHz
2 WATTS

api technologies corp. > INMET

MODELS: 9026, 9027, 9028, 9029, 9030, 9031

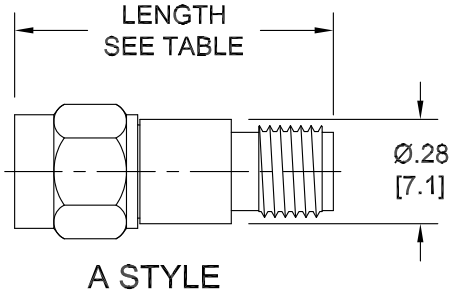
SPECIFICATIONS:

Electrical:

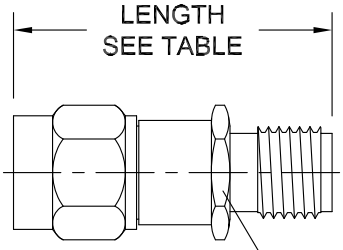
Frequency Range ____ DC – 18 GHz
Standard dB Values* ____ 0–10, 12, 15, 20 & 30 dB
Attenuation Accuracy (In 1 dB Increments)
0 – 12 dB ____ ±0.75 dB
13 – 20 dB ____ ±1.00 dB
21 – 30 dB ____ ±1.50 dB
VSWR
DC – 4 GHz ____ 1.20:1 Max.
4 – 12.4 GHz ____ 1.40:1 Max.
12.4 – 18 GHz ____ 1.60:1 Max.
Input Power ____ 2 Watts Avg. @ 25°C
DERATED LINEARLY TO 0.5 WATTS @ +125°C
Peak Power ____ 250 Watts Max.
(5uSec Pulse, .05% Duty Cycle)
Impedance ____ 50 Ohms
Operating Temp Range ____ –65°C to +125°C

Mechanical:

SMA Connectors ____ Passivated Stainless Steel
Mates with MIL–STD–348
Conductors ____ Gold Plated Beryllium Copper



A STYLE



AH STYLE — 5/16 [7.9] Hex

Base Model Number	Body Style	Connector Configuration	LENGTH 0 – 12 dB	LENGTH 13 – 30 dB
9026–XX	A (No–Hex)	Male/Female	.86 ±.03 [21.8 ±0.8]	.99 ±.03 [25.1 ±0.8]
9029–XX	AH (Hex)			
9027–XX	A (No–Hex)	Male/Male	.98 ±.03 [24.9 ±0.8]	1.11 ±.03 [28.2 ±0.8]
9030–XX	AH (Hex)			
9028–XX	A (No–Hex)	Female/Female	.87 ±.03 [22.1 ±0.8]	1.00 ±.03 [25.4 ±0.8]
9031–XX	AH (Hex)			

HOW TO ORDER:

Model Number: 90YY-XX
Base Number — dB Value

Ordering Examples:

Model Number: **9026-20**
20 dB; SMA – Male/Fem; Style A

Model Number: **9031-6**
6 dB; SMA – Fem/Fem; Style AH

Model Number: **9027-3**
3 dB; SMA – Male/Male; Style A

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