

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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A/AH ATTENUATORS
SMA

23 GHz
2 WATTS

api technologies corp. > INMET

MODELS: A, AH

SPECIFICATIONS:

Electrical:

Frequency Range ____ DC – 23.0 GHz

Standard dB Values ____ 0–10, 12, 15, 20 & 30 dB
In 1 dB Increments

Attenuation Accuracy	DC–18 GHz	18–23 GHz
0 – 6 dB	±0.3 dB	±0.4 dB
7 – 20 dB	±0.5 dB	±0.6 dB
21 – 30 dB	±0.75 dB	±0.8 dB

VSWR

@ 30 MHz	1.05:1 Max.
DC – 4 GHz	1.15:1 Max.
4 – 8 GHz	1.20:1 Max.
8 – 12.4 GHz	1.25:1 Max.
12.4 – 18 GHz	1.35:1 Max.
18 – 23 GHz	1.40:1 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)

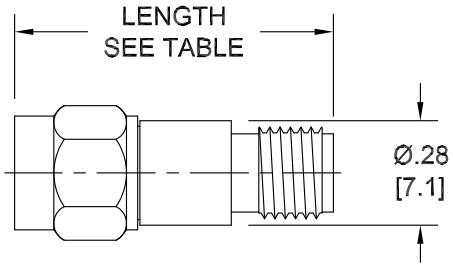
Impedance ____ 50 Ohms

Operating Temp Range ____ –65°C to +125°C

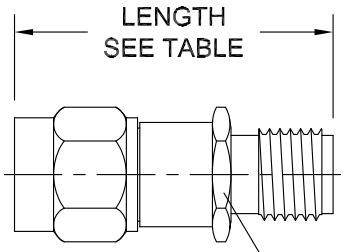
Mechanical:

SMA Connectors ____ Passivated Stainless Steel
Mates with MIL–STD–348

Conductors ____ Gold Plated Beryllium Copper



A STYLE



AH STYLE — 5/16 [7.9] Hex

Connector Configuration	LENGTH			
	0 – 12 dB		13 – 30 dB	
	Inches	Millimeters	Inches	Millimeters
Male/Female	.86 ±.03	[21.8 ±0.8]	.99 ±.03	[25.1 ±0.8]
Male/Male	.98 ±.03	[24.9 ±0.8]	1.11 ±.03	[28.2 ±0.8]
Female/Female	.87 ±.03	[22.1 ±0.8]	1.00 ±.03	[25.4 ±0.8]

HOW TO ORDER:

Model Number: **23AY-XXY**

- Style
  - A = A Style (No Hex)
  - AH = AH Style (Hex)
- Connector Config.
  - = Male/Female
  - F = Fem/Fem
  - M = Male/Male
- dB Value

Ordering Examples:

Model Number: **23A-20**
20 dB; SMA – Male/Fem; Style A

Model Number: **23AH-6F**
6 dB; SMA – Fem/Fem; 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.

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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