

A/AH ATTENUATORS

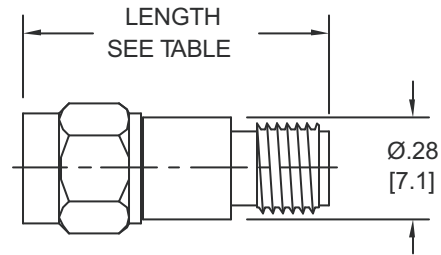
SMA, up to 23 GHz, 2 Watts

SPECIFICATIONS:

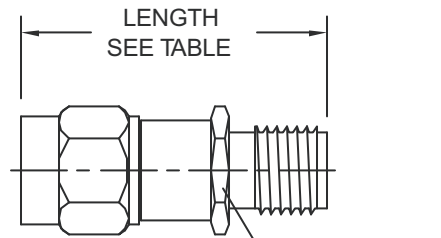
Models: A, AH

RoHS
Compliant

Electrical:	
Frequency Range _____	DC - 23.0 GHz
Standard Freq. Values _____	2.5, 6, 18 & 23 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
40 dB _____	± 1.5 dB
VSWR	
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



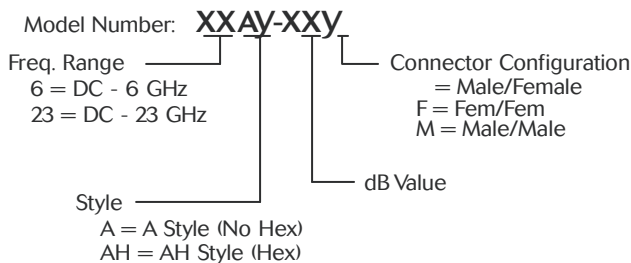
A STYLE



AH STYLE

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:



Ordering Examples:

Model Number: **18A-20**
DC - 18 GHz; 20 dB; SMA - Male/Fem; Style A

Model Number: **18AH-6F**
DC - 18 GHz; 6 dB; SMA - Fem/Fem; Style AH

Model Number: **6AH-3M**
DC - 6 GHz; 3 dB; SMA - Male/Male; Style AH

Model Number: **23A-30**
DC - 23 GHz; 30 dB; SMA - Male/Fem; Style A

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
*Other dB values, units that operate over a more specific frequency band and/or offer very low return loss (VSWR); gold plated units and/or connectors optimized for RF leakage also available.

23A-ATT: REV K (M)



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