

B ATTENUATORS SMA - GENERAL PURPOSE

**DC - 18 GHz
2 WATTS**



MODELS: 9023, 9024, 9025

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 18.0 GHz

Standard dB Values*

0 - 10, 12, 15, 20, 30, 40, 50 & 60 dB
In 1 dB Increments

Attenuation Accuracy

0 - 12 dB _____ ±0.75 dB

13 - 20 dB _____ ±1.00 dB

21 - 40 dB _____ ±1.50 dB

41 - 60 dB _____ ±2.00 dB

VSWR

DC - 4 GHz _____ 1.20:1 Max.

4 - 12.4 GHz _____ 1.40:1 Max.

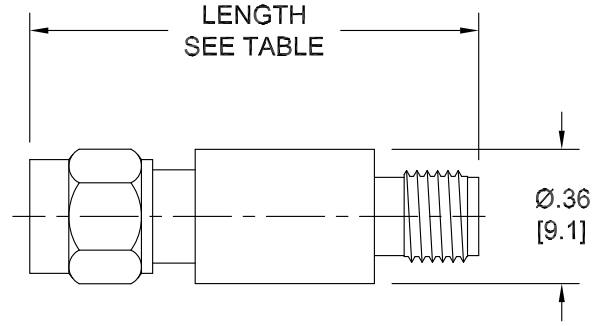
12.4 - 18 GHz _____ 1.60:1 Max.

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



Base Model Number	Connector Configuration	LENGTH			
		0 - 30 & 40 dB		31 - 60 dB (Except 40 dB)	
		Inches	Millimeters	Inches	Millimeters
9023-XX	Male/Female	1.21 ±.03	[30.7 ±0.8]	1.49 ±.03	[37.8 ±0.8]
9024-XX	Male/Male	1.33 ±.03	[33.8 ±0.8]	1.62 ±.03	[41.1 ±0.8]
9025-XX	Female/Female	1.06 ±.03	[26.9 ±0.8]	1.35 ±.03	[34.3 ±0.8]

HOW TO ORDER:

Model Number: **902Y-XX**

Base Number | dB Value

Ordering Examples:

Model Number: **9023-20**
20 dB; SMA - Male/Fem

Model Number: **9025-6**
6 dB; SMA - Fem/Fem

Model Number: **9024-3**
3 dB; SMA - Male/Male

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.

9023; REV G