

B ATTENUATORS

SMA - GENERAL PURPOSE

DC - 18 GHz
2 Watts



MODELS: 9023, 9024, 9025

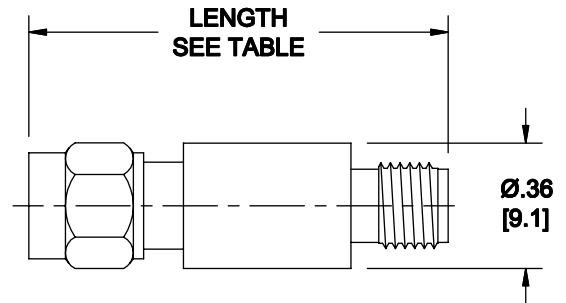
SPECIFICATIONS:

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.
 *Other dB values are also available.

9023: REV G