

B ATTENUATORS

SMA, General Purpose, DC - 18 GHz, 2 Watts

SPECIFICATIONS:

Models: 9023, 9024, 9025

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

Frequency Range _____ DC - 18.0 GHz

Standard dB Values* _____ 0 - 10, 12, 15, 20, 30, 40, 50 & 60 dB

Attenuation Accuracy _____ In 1 dB Increments

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

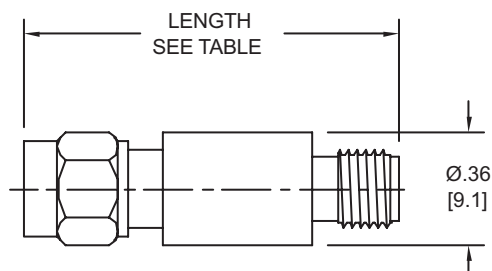
Operating Temp Range _____ -65°C to +125°C

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 $\pm$.03	[30.7 $\pm$ 0.8]	1.49 $\pm$.03	[37.8 $\pm$ 0.8]
9024-XX	Male/Male	1.33 $\pm$.03	[33.8 $\pm$ 0.8]	1.62 $\pm$.03	[41.1 $\pm$ 0.8]
9025-XX	Female/Female	1.06 $\pm$.03	[26.9 $\pm$ 0.8]	1.35 $\pm$.03	[34.3 $\pm$ 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

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