

Attenuator, SMPM

Model 9103-CRYO

Features

- Stable Attenuation over temperature
- Low thermal noise characteristics
- Minimal self heating, achieves temperature faster.
- Optimized non-magnetic material selection.

Technical Specifications

Parameter	Value
Frequency Range	DC to 18 GHz
Standard dB Values	0, 3, 6, 10 & 20dB
Attenuation Accuracy (dB)	
0, 3 & 6dB	±0.6dB
10dB	±0.8dB
20dB	±1.2dB
VSWR	1.35:1 Max.
Input Power	2 Watts Avg. @ 25°C
Impedance	50 Ohms
Operating Temp. Range	4°mK to +125°C

Frequency Range: DC to 18.0 GHz
Power: 2Watts



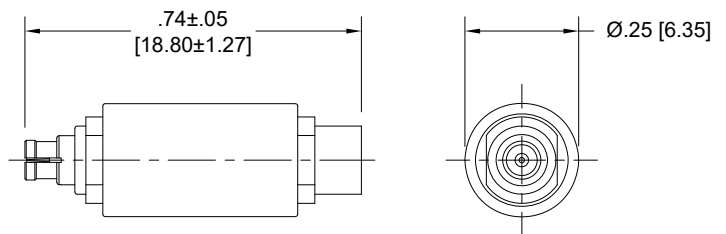
Mechanical

Feature	Material
SMPM Connectors <i>Mates with GPPO** Connectors</i>	Gold Plated Beryllium Copper
Barrel	Gold Plated Brass
Conductors	Gold Plated Beryllium Copper
Substrate	Beryllium Oxide
Resistor Material	Proprietary Thin Film

**GPPO is a trademark of Corning Gilbert, Inc.

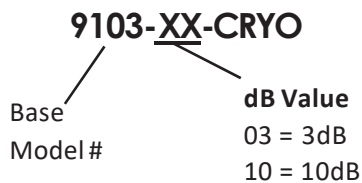
Physical Dimensions

Model Number: 9103-03-CRYO shown



Note: Dimensions in Brackets [] are expressed in millimeters and are for reference only.

How to Order



Order Examples

Model Number: 9103-03-CRYO
DC-18 GHz, 3dB, SMPM Male/Fem

Design Specifications are subject to change without notice.

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