ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *API Technologies / Weinschel 9012-9* at our website: ***Click HERE***

Variable Attenuators

api technologies corp. › WEINSCHEL

Model 9012
Manual Step, SMK Connectors

dc to 26.5 GHz
2 Watts



Features

- **Choice of Attenuation Ranges and Step Sizes.**
- **Excellent Repeatability.**
- **Custom Configurations Available Upon Request.**
- **Highly Accurate Detent Stepping**
- **Ruggedized Connector -** Injection molded to provide consistent interface dimensions.

Specifications

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 26.5 GHz

INCREMENTAL ATTENUATION RANGE/STEPS:

Model 9012-9:	0-9 dB in 1 dB steps
Model 9012-70:	0-70 dB in 10 dB steps

INCREMENTAL ATTENUATION ACCURACY:

Model No.	Accuracy
9012-9	± 0.5 dB
9012-70	± 1.0 dB or 2%

MAXIMUM SWR:

Frequency Range (GHz)	9012
dc - 18	1.40
18 - 26.5	1.50

MAXIMUM ZERO INSERTION LOSS (±dB):

Frequency Range (GHz)	9012
dc - 18	1.00
18 - 26.5	1.50

POWER RATING: 2 watts **average** to 25°C ambient temperature, derated linearly to 1 watt @ 54°C. 200 watts **peak** (5 µsec pulse width; 0.5% duty cycle)

POWER COEFFICIENT: < 0.005 dB/dB/watt

TEMPERATURE COEFFICIENT: < 0.0004 dB/dB/°C

TEMPERATURE RANGE:

Operating:	0°C to + 54°C
Nonoperating:	-54°C to + 54°C

REPEATABILITY: ±0.5 dB to 60 dB

TEST DATA: Insertion loss and SWR data supplied at selected frequencies between 50 MHz and 26.5/40 GHz. Other test data can be provided at additional cost.

CONNECTOR: 2.92mm female connector - mate nondestructively with SMA connector per MIL-C-39012, SMK, 3.5mm, and other 2.92mm connector.

CONSTRUCTION: Stainless steel connector; gold plated beryllium copper contacts. Knob is included with each unit.

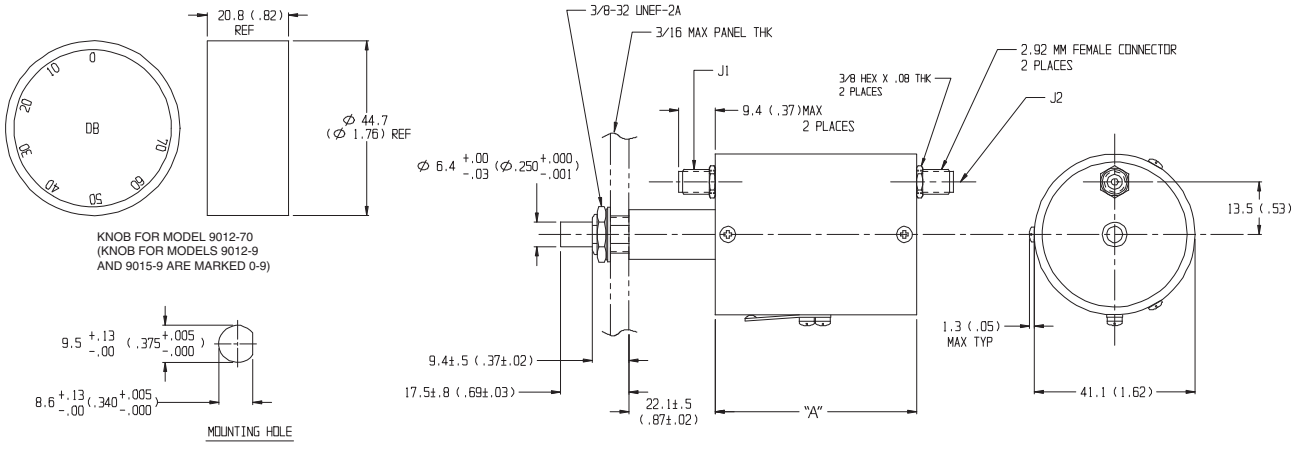
WEIGHT: Net 270 g (9.6 oz)

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web: www.weinschel.apitech.com • email: weinschel-sales@apitech.com

Revision Date: 10/2016

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PHYSICAL DIMENSIONS:



NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.

Model No.	DIM A
9012-9, 9012-70	51.56 (2.03)

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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