

ATTENUATORS TNC

UP TO **12.4 GHz**
2 WATTS

api 
technologies corp.
> INMET

MODELS: 9036-XX, 9042-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 12.4 GHz

Standard Frequency Values _____ 2.5 & 12.4 GHz

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

Attenuation Accuracy _____ In 1 dB Increments

0 - 6 dB _____ ± 0.3 dB

7 - 20 dB _____ ± 0.5 dB

21 - 30 dB _____ ± 0.75 dB

40 dB _____ ± 1.0 dB

VSWR

DC - 4 GHz _____ 1.15:1 Max

4 - 8 GHz _____ 1.20:1 Max

8 - 12.4 GHz _____ 1.25:1 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

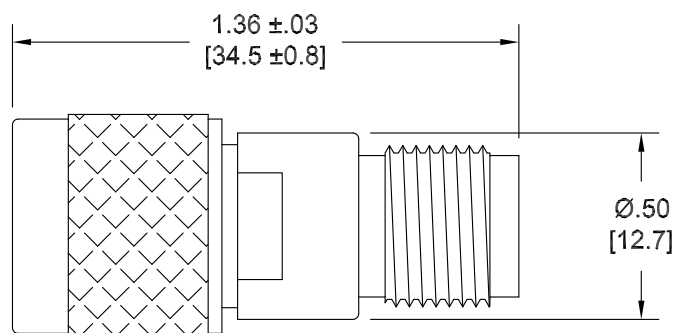
Operating Temp. Range _____ -65°C to +125°C

Mechanical:

TNC Connectors _____ Nickel Plated Brass

Mate IAW MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper or Brass



HOW TO ORDER:

Model Number: **90XX-XX**

Frequency Range _____ dB Value

36 = DC - 12.4 GHz

42 = DC - 2.5 GHz

Ordering Examples:

Model Number: **9036-20**

DC-12.4 GHz, 20 dB; TNC - Male/Fem

Model Number: **9042-6**

DC-2.5 GHz, 6 dB; TNC - Male/Fem

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.

9036; REV H

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