ATTENUATORS
SMA / CONDUCTION COOLED

DC - 18 GHz
50 WATTS

api technologies corp. > INMET

MODELS: 9037–XX, 9037–XXF, 9037–XXM

SPECIFICATIONS:

Electrical:

Frequency Range ____ DC – 18 GHz
Standard dB Values* ____ 3, 6, 10, 20, 30 & 40 dB

Attenuation Accuracy	DC – 12.4 GHz	12.4 – 18 GHz
3 & 6 dB	±0.75 dB	±0.75 dB
10 & 20 dB	±0.75 dB	±1.0 dB
30 & 40 dB	±1.25 dB	±1.5 dB

VSWR
DC – 8 GHz ____ 1.25:1 Max.
8 – 12.4 GHz ____ 1.35:1 Max.
12.4 – 18 GHz ____ 1.45:1 Max.

Power Handling**
Input ____ 50 Watts Avg.
Peak ____ 500 Watts Max.

Impedance ____ 50 Ohms
Operating Temp Range ____ –55°C to +125°C

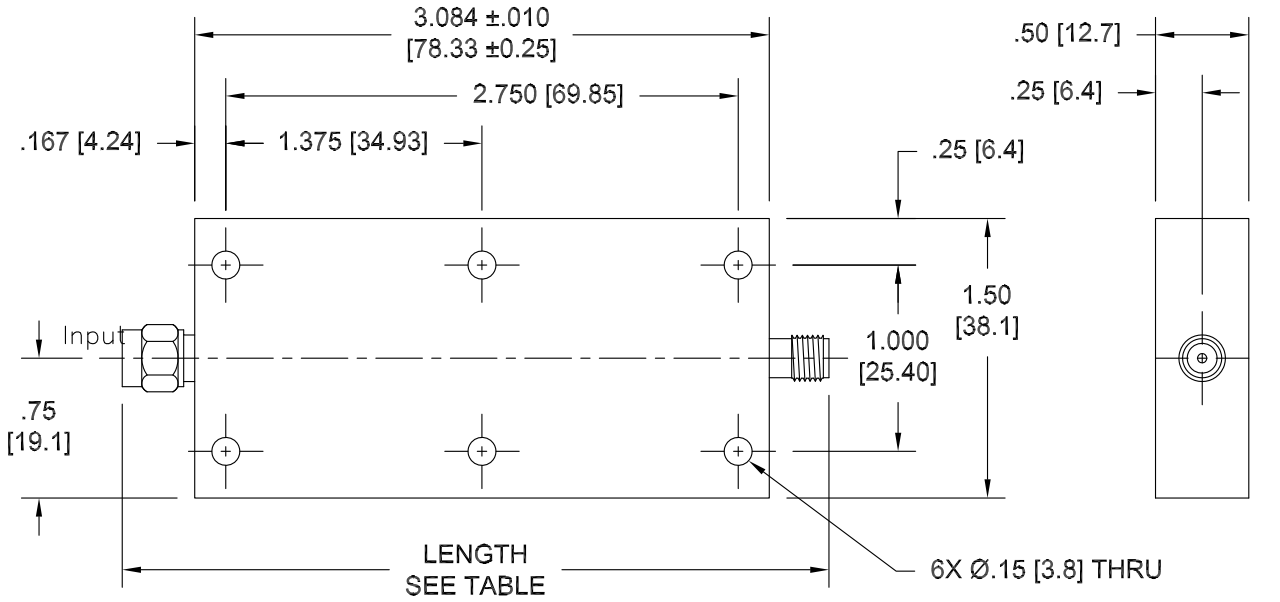
Table:

Connector Configuration	LENGTH
Male/Female	3.78 ±.04 [96.0 ±1.0]
Male/Male	3.92 ±.04 [99.6 ±1.0]
Female/Female	3.65 ±.04 [92.7 ±1.0]

Mechanical:

SMA Connectors ____ Passivated Stainless Steel
Mates with MIL–STD–348
Conductors ____ Gold Plated Beryllium Copper
Housing ____ Aluminum with Chemical Conversion Coating

**Power handling capacity is dependant upon proper heatsinking. Surface temperature of unit shall not exceed 125°C for specifications shown. Unit is a unidirectional device. Therefore Input connector MUST be specified & will be indicated on unit.



HOW TO ORDER:

Model Number: 9037-XXY
dB Value — Connector Configuration
= Male/Female
F = Fem/Fem
M = Male/Male

Ordering Examples:

Model Number: 9037-20
20 dB; SMA – Male/Fem

Model Number: 9037-6F
6 dB; SMA – Fem/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.

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