

ATTENUATORS

SMA / Conduction Cooled

DC - 18 GHz
50 Watts



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 dB	± 0.5 dB	± 0.75 dB
20 dB	± 0.75 dB	± 1.0 dB
30 & 40 dB	± 1.0 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.
Output	10 Watts Avg.
Peak	250 Watts Max.

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

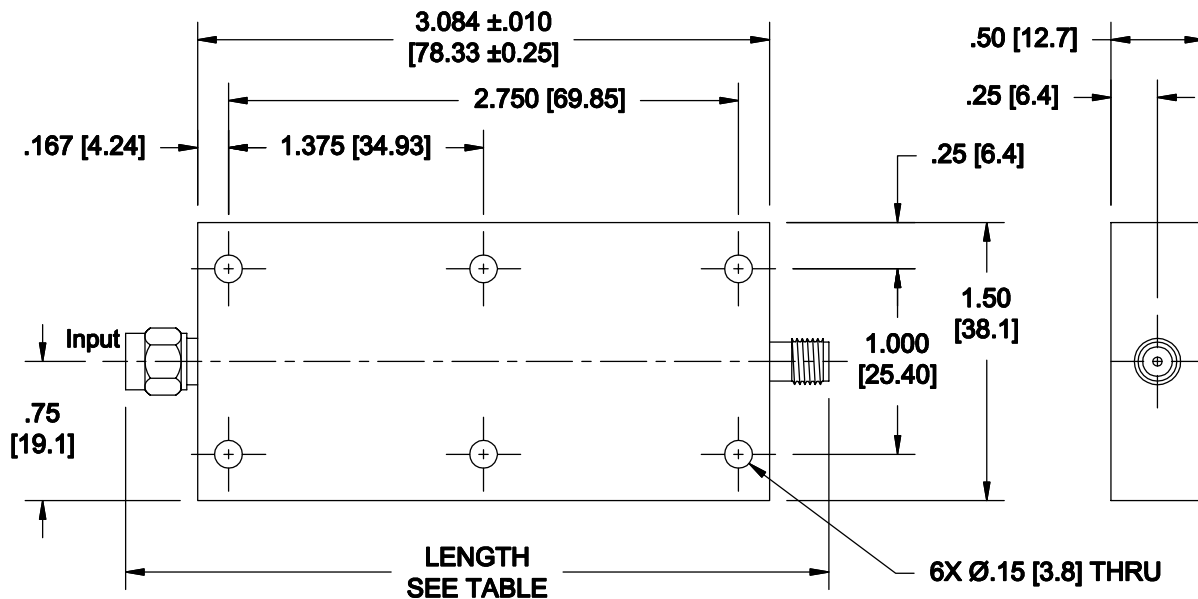
Mechanical:

SMA Connectors	Passivated Stainless Steel
Mates with MIL-STD-348	
Conductors	Gold Plated Beryllium Copper
Housing	Alodined Aluminum

** 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. Input shall be at male port unless otherwise specified.

Table:

Connector Configuration	LENGTH
Male/Female	3.78 $\pm$ 0.04 [96.0 $\pm$ 1.0]
Male/Male	3.92 $\pm$ 0.04 [99.6 $\pm$ 1.0]
Female/Female	3.65 $\pm$ 0.04 [92.7 $\pm$ 1.0]



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.
*Other dB values are available.

9037; REV G