

ATTENUATORS SMA

UP TO **4 GHz**
150 WATTS

api 
technologies corp.
> INMET

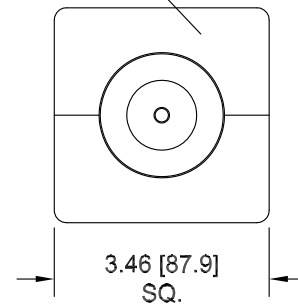
MODELS: XB150W-XX, XB150W-XXF & XB150W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 4.0 GHz
Standard Freq. Values _____ 2.5 & 4 GHz
Standard dB Values _____ 3, 6, 10, 20, 30 & 40 dB
Attenuation Accuracy DC – 1.5 GHz 1.5 – 2.5 GHz 2.5 – 4 GHz
3 & 6 dB _____ ±0.50 dB _____ ±1.00 dB _____ ±1.50 dB
10 & 20 dB _____ ±0.50 dB _____ ±0.75 dB _____ ±1.00 dB
30 & 40 dB _____ ±0.75 dB _____ ±1.00 dB _____ ±1.50 dB
Input VSWR (Max.) _____ 1.15:1 _____ 1.25:1 _____ 1.35:1
Input Power _____ 150 Watts Avg. @ +25°C
DERATED LINEARLY TO 30 WATTS @ +125°C
Peak Power _____ 2 kW Max.
(5uSec Pulse, .05% Duty Cycle)
Impedance _____ 50 Ohms
Operating Temp Range _____ -54°C to +125°C

Custom Mtg. hole Config.
may be Added to this
Surface



**END VIEW
TYPICAL**

Mechanical:

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

Units must be Mounted in such
a way as to Allow for Free Air
Flow Around fins as to Assure
Performance.

Note: Units are Unidirectional, Therefore Input Connector MUST be Specified & will be Indicated on Unit.

Model Number: **XB150W-XX**

Male/Female Connectors

Length: 5.66 ±0.05 [143.8 ±1.3]

Pictured

Model Number: **XB150W-XXF**

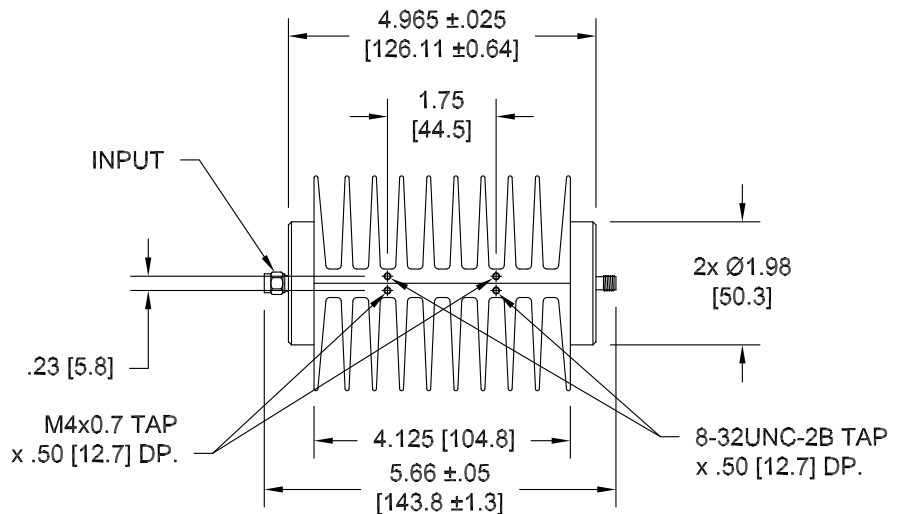
Female/Female Connectors

Length: 5.52 ±0.05 [140.2 ±1.3]

Model Number: **XB150W-XXM**

Male/Male Connectors

Length: 5.79 ±0.05 [147.1 ±1.3]



HOW TO ORDER:

Model Number: **XB150W-XXY**

Freq. Range
2 = DC – 2.5 GHz
4 = DC – 4 GHz

dB Value

Connector Config.
= Male/Female
F = Fem/Fem
M = Male/Male

Ordering Examples:

Model Number: **4B150W-10**

DC – 4 GHz, 10 dB; SMA – Male/Fem

Model Number: **2B150W-3F**

DC – 2.5 GHz, 3 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.

XB150W-ATT; REV F

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