

# ATTENUATORS

## SMA

up to 4 GHz  
150 Watts



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

### SPECIFICATIONS:

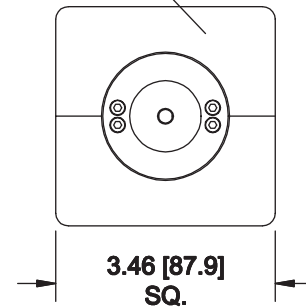
#### Electrical:

Frequency Range	DC - 4.0 GHz		
Standard Freq. Values	1.5, 3 & 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	±0.50 dB	±0.75 dB
10 - 40 dB	±0.75 dB	±1.00 dB	±1.5 dB
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	5 kW Max.		
	(5µSec Pulse, .05% Duty Cycle)		
Impedance	50 Ohms		
Operating Temp Range	-54°C to +125°C		

#### Mechanical:

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

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



END VIEW  
TYPICAL

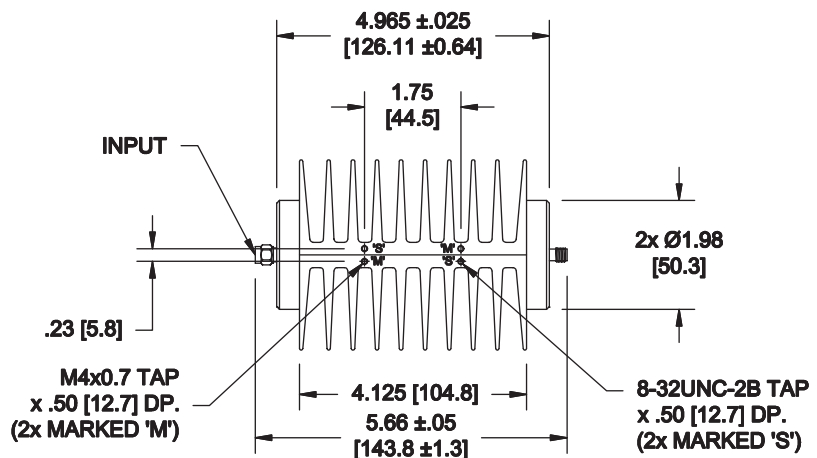
Units must be Mounted in such a way as to  
Allow for Free Air Flow Around fins to Assure  
Performance

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 ±.05 [143.8 ±1.3]  
Pictured

Model Number: **XB150W-XXF**  
Female/Female Connectors  
Length: 5.52 ±.05 [140.2 ±1.3]

Model Number: **XB150W-XXM**  
Male/Male Connectors  
Length: 5.79 ±.05 [147.1 ±1.3]



### HOW TO ORDER:

Model Number: **XB150W-XXY**

Freq. Range  
1 = DC - 1.5 GHz  
3 = DC - 3 GHz  
4 = DC - 4 GHz

Connector Configuration  
= Male/Female  
F = Fem/Fem  
M = Male/Male  
dB Value

### Ordering Examples:

Model Number: **1B150W-10**  
DC - 1.5 GHz, 10 dB; SMA - Male/Fem

Model Number: **3B150W-3F**  
DC - 3 GHz, 3 dB; SMA - Fem/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.  
\*Other dB values are also available. Units that operate over a more specific frequency band and/or offer very low return loss (VSWR) are also available.

XB150W-ATT; REV B