

# ATTENUATORS

SMA, up to 4 GHz, 200 Watts

## SPECIFICATIONS:

Models: XB200W-XX, XB200W-XXF, XB200W-XXM

**RoHS**  
Compliant

**AEROFLEX**  
A passion for performance.

### Electrical:

Frequency Range \_\_\_\_\_ DC - 4 GHz  
Standard Freq. Values \_\_\_\_\_ 2.5 & 4 GHz  
Standard dB Values \_\_\_\_\_ 3, 6, 10, 20, 30 & 40 dB  
Attenuation Accuracy DC-1.5 GHz 1.5-2.5GHz 2.5-4GHz  
3 & 6 dB \_\_\_\_\_ ±0.50 dB \_\_\_\_\_ ±0.50 dB \_\_\_\_\_ ±0.75 dB  
10, 20, 30 & 40 dB \_\_\_\_\_ ±0.75 dB \_\_\_\_\_ ±1.00 dB \_\_\_\_\_ ±1.5 dB

### Input VSWR (Max.)

3, 6, 10 & 20 dB \_\_\_\_\_ 1.15:1 \_\_\_\_\_ 1.25:1 \_\_\_\_\_ 1.35:1  
30 & 40 dB \_\_\_\_\_ 1.15:1 \_\_\_\_\_ 1.25:1 \_\_\_\_\_ 1.50:1

Input Power \_\_\_\_\_ 200 Watts Avg. @ +25°C  
Derated Linearly to 40 Watts @ +125°C

Peak Power \_\_\_\_\_ 2 kW Max.  
(5uSec 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

Note: Units are unidirectional. Units must be positioned in such a way as to allow free air flow around fins to assure performance.

Connectors cannot be used to support units weight.

Model Number: **XB200W-XX**

Male/Female Connectors

Length: 7.65 ±.10 [194.31 ±2.54]

Pictured

Model Number: **XB200W-XXF**

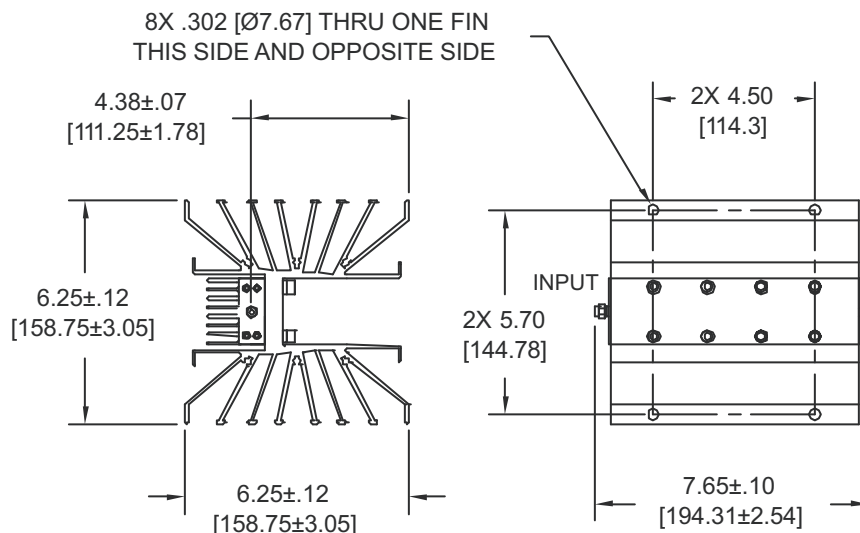
Female/Female Connectors

Length: 7.52 ±.10 [191.01 ±2.54]

Model Number: **XB200W-XXM**

Male/Male Connectors

Length: 7.78 ±.10 [197.61 ±2.54]



## HOW TO ORDER:

Model Number: **XB200W-XXY**

Freq. Range \_\_\_\_\_  
2 = DC - 2.5 GHz  
4 = DC - 4 GHz

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

dB Value

### Ordering Examples:

Model Number: **2B200W-10**  
DC - 2.5 GHz, 10 dB; SMA - Male/Fem

Model Number: **2B200W-40F**  
DC - 2.5 GHz, 40 dB; SMA - Fem/Fem

Model Number: **4B200W-30M**  
DC - 4 GHz, 30 dB; SMA - Male/Male

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 and/or use.

XB200W-ATT: REV C

**AEROFLEX**  
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