

ATTENUATORS SMA

UP TO 4 GHz
200 WATTS

api
technologies corp.
> INMET

MODELS: XB200W-XX, XB200W-XXF XB200W-XXM

SPECIFICATIONS:

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 ± 1.0 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 $\pm$.10 [194.31 $\pm$ 2.54]
Pictured

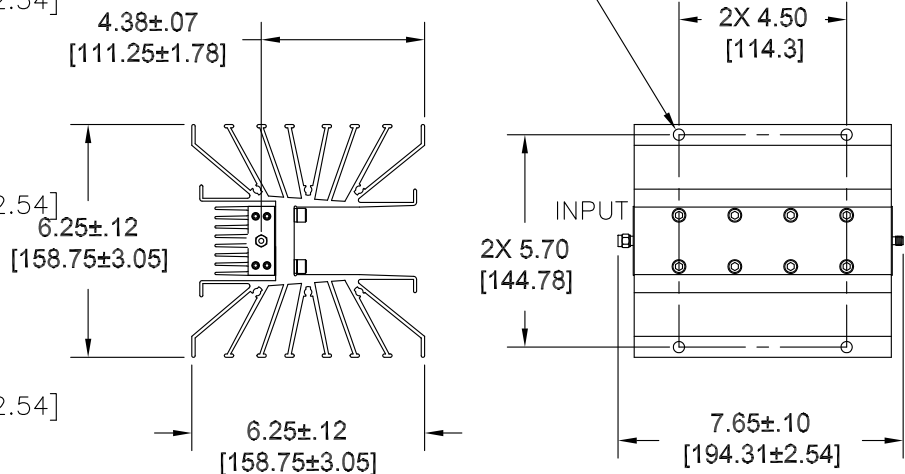
Model Number: **XB200W-XXF**

Female/Female Connectors
Length: 7.52 $\pm$.10 [191.01 $\pm$ 2.54]

Model Number: **XB200W-XXM**

Male/Male Connectors
Length: 7.78 $\pm$.10 [197.61 $\pm$ 2.54]

8X .302 [Ø7.67] THRU ONE FIN
THIS SIDE AND OPPOSITE SIDE



HOW TO ORDER:

Model Number: **XB200W-XXY**

Freq. Range _____
2 = DC - 2.5 GHz
4 = DC - 4 GHz
Connector Config. _____
= Male/Female
F = Fem/Fem
M = Male/Male

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 or use.