

# ATTENUATORS

BNC, DC - 4 GHz, 25 Watts

## SPECIFICATIONS:

Models: XBNC25W-XX, XBNC25W-XXF, XBNC25W-XXM

**RoHS**  
Compliant

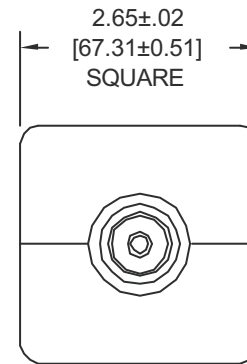
**AEROFLEX**  
A passion for performance.

### Electrical:

Frequency Range \_\_\_\_\_ DC - 4 GHz  
Standard Freq. Values \_\_\_\_\_ 4 GHz  
Standard dB Values\* \_\_\_\_\_ 0, 3, 6, 10, 20, 30 & 40 dB  
Attenuation Accuracy  
3 & 6 dB \_\_\_\_\_  $\pm 0.30$  dB  
10 & 20 dB \_\_\_\_\_  $\pm 0.50$  dB  
30 & 40 dB \_\_\_\_\_  $\pm 0.75$  dB  
VSWR \_\_\_\_\_ 1.25:1 Max.  
Input Power \_\_\_\_\_ 25 Watts Avg. @ 25°C  
Derated Linearly to 4 Watts @ +125°C  
Peak Power \_\_\_\_\_ 500 Watts Max.  
(5uSec Pulse, .05% Duty Cycle)  
Impedance \_\_\_\_\_ 50 Ohms  
Operating Temp Range \_\_\_\_\_ -65°C to +125°C

### Mechanical:

BNC Connectors \_\_\_\_\_ Nickel Plated Brass  
Mates with MIL-STD-348  
Conductors \_\_\_\_\_ Gold Plated Beryllium Copper  
Housing \_\_\_\_\_ Anodized Aluminum



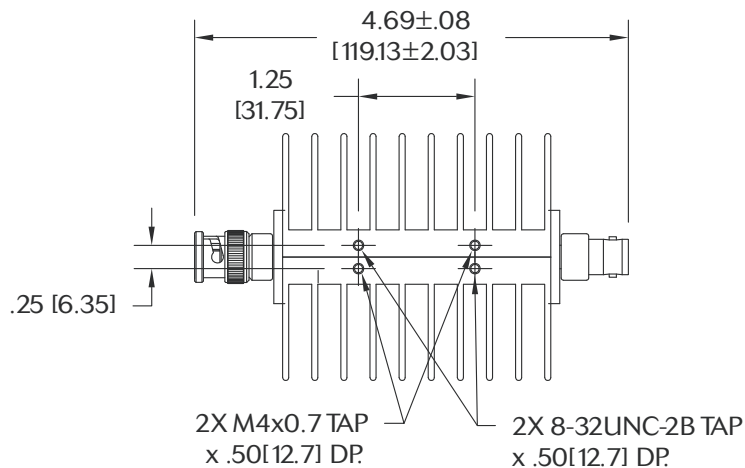
END VIEW  
TYPICAL

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

Model Number: XBNC25W-XX  
Male/Female Connectors  
Pictured

Model Number: XBNC25W-XXF  
Female/Female Connectors  
LENGTH: 4.58±.08 [116.3±2.03]

Model Number: XBNC25W-XXM  
Male/Male Connectors  
LENGTH: 4.81±.08 [122.2±2.03]



## HOW TO ORDER:

Model Number: **4BNC25W-XXY**

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

dB Value

### Ordering Examples:

Model Number: **4BNC25W-20**  
DC - 4 GHz; 20 dB; BNC - Male/Fem

Model Number: **4BNC25W-03F**  
DC - 4 GHz; 3 dB; BNC - 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 and/or use.

XBNC25W-ATT: REVA (M)

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