

ATTENUATORS

BNC, DC - 4 GHz, 50 Watts

SPECIFICATIONS:

Models: XBNC50W-XX, XBNC50W-XXF, XBNC50W-XXM

RoHS
Compliant

Electrical:

Frequency Range _____ DC - 4.0 GHz
Standard Freq. Values _____ 4 GHz
Standard dB Values _____ 0, 3, 6, 10, 20 & 30 and 40 dB

Accuracy of Attenuation:

3, 6, 10 & 20 dB _____ ± 0.75 dB
30 dB _____ ± 1.0 dB Max.
40 dB _____ ± 1.25 dB Max.

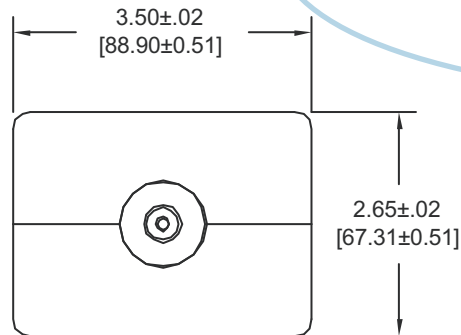
VSWR _____ 1.25:1 Max.

Input Power _____ 50 Watts Avg. @ 25°C
Derated Linearly to 10 Watts @ +125°C

Peak Power _____ 500 Watts Max.
(5uSec Pulse, .05% Duty Cycle)
_____ 50 Ohms

Mechanical:

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



END VIEW
TYPICAL

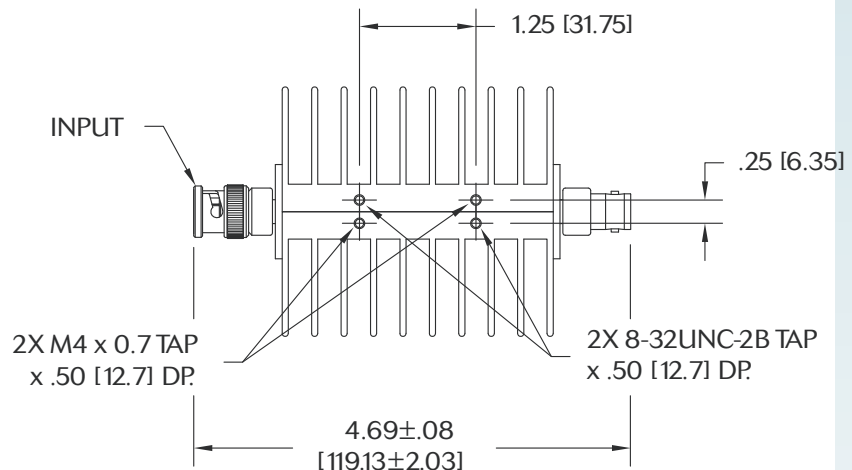
Units must be Mounted in such a way as to
Allow for Free Air Flow Around fins to Insure
Performance

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

Model Number: XBNC50W-XX
Male/Female Connectors
Pictured

Model Number: XBNC50W-XXF
Female/Female Connectors
Length: 4.58 ± 0.08 [116.33 ± 0.03]

Model Number: XBNC50W-XXM
Male/Male Connectors
Length: 4.81 ± 0.08 [122.17 ± 0.03]



HOW TO ORDER:

Model Number: **4BNC50W-XXY**

Connector Configuration
= Male/Female
(Male Input)
F = Fem/Fem
M = Male/Male
FM = Female/Male
(Female Input)
dB Value

Ordering Examples:

Model Number: **4BNC50W-03**
DC - 4 GHz; 3 dB; BNC - Male/Fem (Male Input)

Model Number: **4BNC50W-10F**
DC - 4 GHz; 10 dB; BNC - Fem/Fem

Model Number: **4BNC50W-30FM**
DC - 4 GHz; 30 dB; BNC - Female/Male (Female Input)

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.

XBNC50W: REV D (M)



Aeroflex / Inmet, Inc. • 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.
888-244-6638 or 734-426-5553 • FAX: 734-426-5557
www.aeroflex.com/inmet • inmet@aeroflex.com