

ATTENUATORS

BNC, 10 Watts, up to 4 GHz

SPECIFICATIONS:

Models: XBNC-10W-XX, XBNC-10W-XXF, XBNC-10W-XXM

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

Frequency Range _____ DC - 4.0 GHz
Standard Freq. Values _____ 2.5 & 4 GHz
Standard dB Values _____ 0-10, 12, 15, 20, 30 & 40 dB

Attenuation Accuracy:

DC - 1 GHz _____ ± 0.7 dB
1 GHz - 4 GHz _____ ± 1.0 dB

VSWR _____ 1.25:1 Max.

Input Power _____ 10 Watts Avg. @ 25°C
Derated Linearly to 2 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

Model Number: **XBNC10W-XX**

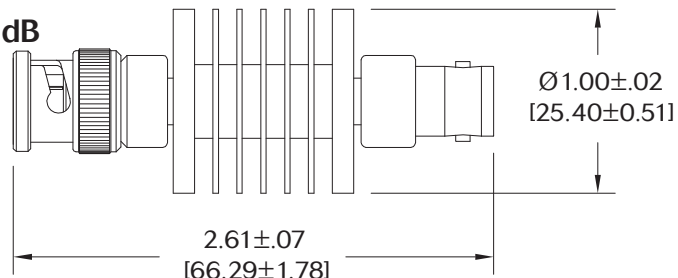
Male/Female Connectors

0-20 dB Length: $2.61 \pm .07$ [66.29 $\pm$ 1.78]

30 & 40 dB Length: $2.86 \pm .06$ [72.64 $\pm$ 1.52]

Pictured

0 - 20 dB



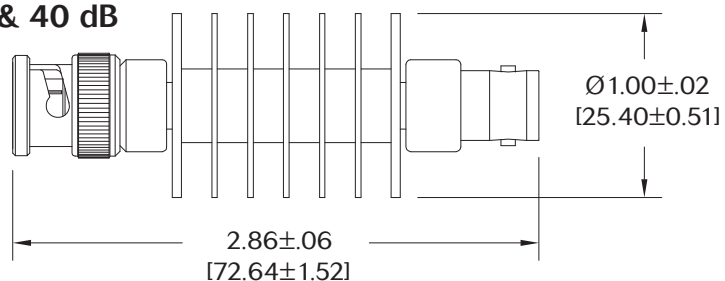
Model Number: **XBNC10W-XXF**

Female/Female Connectors

0 - 20 dB Length: $2.49 \pm .04$ [63.25 $\pm$ 1.02]

30 & 40 dB Length: $2.74 \pm .03$ [69.6 $\pm$ 0.76]

30 & 40 dB



Model Number: **XBNC10W-XXM**

Male/Male Connectors

0 - 20 dB Length: $2.72 \pm .09$ [69.09 $\pm$ 2.29]

30 & 40 dB Length: $2.97 \pm .08$ [75.44 $\pm$ 2.03]

HOW TO ORDER:

Model Number: **XBNC10W-XXY**

Freq. Range _____
2 = DC - 2.5 GHz
4 = DC - 4 GHz

dB Value

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

Ordering Examples:

Model Number: **2BNC10W-03**
DC - 2.5 GHz; 3 dB; BNC - Male/Fem

Model Number: **2BNC10W-10F**
DC - 2.5 GHz; 10 dB; BNC - Fem/Fem

Model Number: **4BNC10W-30M**
DC - 4 GHz; 30 dB; BNC - 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.

XBNC10W-ATT: REV J

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