

ATTENUATORS

BNC

up to 4 GHz
10 Watts



MODELS: XBNC10W-XX, XBNC10W-XXF, XBNC10W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 4.0 GHz
Standard Freq. Values _____ 2 & 4 GHz
Standard dB Values* _____ 3, 6, 10, 20, 30 & 40 dB

Attenuation Accuracy

DC - 1000 MHz _____ ± 0.6 dB
1000 MHz - 4000 MHz _____ ± 1.0 dB

VSWR

DC - 1000 MHz _____ 1.30:1 Max.
1000 - 4000 MHz _____ 1.60:1 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

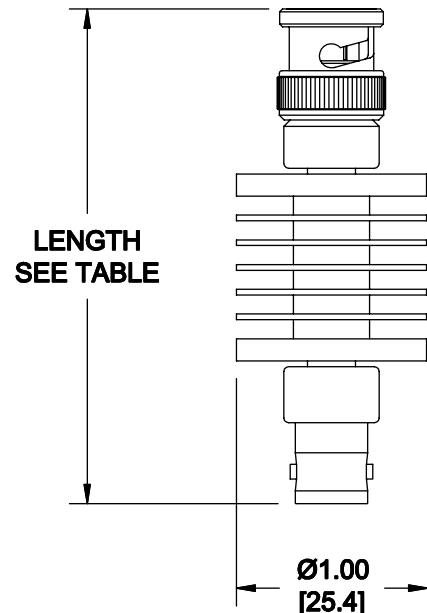
Operating Temp Range _____ -65°C to +125°C

Mechanical:

BNC Connectors _____ Nickel Plated Brass
Mates with MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper

Housing _____ Anodized Aluminum



Connector Configuration	LENGTH	
	Inches	Millimeters
Male/Female	2.60 $\pm$.05	[66.04 $\pm$ 1.27]
Male/Male	2.72 $\pm$.06	[69.09 $\pm$ 1.52]
Female/Female	2.49 $\pm$.04	[63.25 $\pm$ 1.02]

HOW TO ORDER:

Model Number: **XBNC10W-XXY**

Freq. Range _____

2 = DC - 2 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 GHz; 3 dB; BNC - Male/Fem

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

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

Model Number: **4BNC10W-20**
DC - 4 GHz; 20 dB; BNC - Male/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

*Other dB values are also available.

XBNC10W-ATT; REV C