

# ATTENUATORS

BNC (75 Ω), DC - 4 GHz, 2 Watts

## SPECIFICATIONS:

Models: 9033-XX/75

**RoHS**  
Compliant

**AEROFLEX**  
A passion for performance.

### Electrical:

Frequency Range \_\_\_\_\_ DC - 4 GHz  
Standard dB Values \_\_\_\_\_ 0, 3, 6, 10, 20 & 30 dB

#### Attenuation Accuracy

0 - 6 dB \_\_\_\_\_ ±0.3 dB  
7 - 20 dB \_\_\_\_\_ ±0.5 dB  
21 - 30 dB \_\_\_\_\_ ±0.75 dB

#### VSWR

DC - 1 GHz \_\_\_\_\_ 1.10:1 Max.  
1 - 2 GHz \_\_\_\_\_ 1.20:1 Max.  
2 - 4 GHz \_\_\_\_\_ 1.35:1 Max.

Input Power \_\_\_\_\_ 2 Watts Avg. @ +25°C  
Derated Linearly to 0.5 Watts @ +125°C

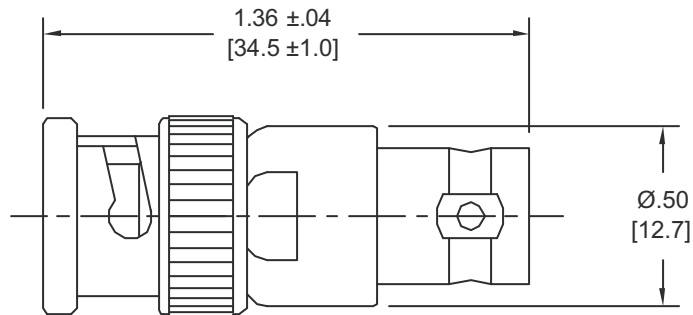
Peak Power \_\_\_\_\_ 250 Watts Max.  
(5µSec Pulse, .05% Duty Cycle)

Impedance \_\_\_\_\_ 75 Ohms

Operating Temp. Range \_\_\_\_\_ -65°C to +125°C

### Mechanical:

BNC Connectors \_\_\_\_\_ Nickel Plated Brass  
Mates with MILSTD-348  
Conductors \_\_\_\_\_ Gold Plated Beryllium Copper



## HOW TO ORDER:

Model Number: **9033-XX/75**

dB Value

### Ordering Examples:

Model Number: **9033-20/75**  
20 dB; BNC - Male/Fem

Model Number: **9033-6/75**  
6 dB; BNC - Male/Fem

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

9033\_75: REV D

**AEROFLEX**  
INMET

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