

# TERMINATIONS BNC

**DC - 4 GHz  
2 WATTS**

**api**   
technologies corp.  
> INMET

MODELS: 3029, 3029C, 3038 and 3038C

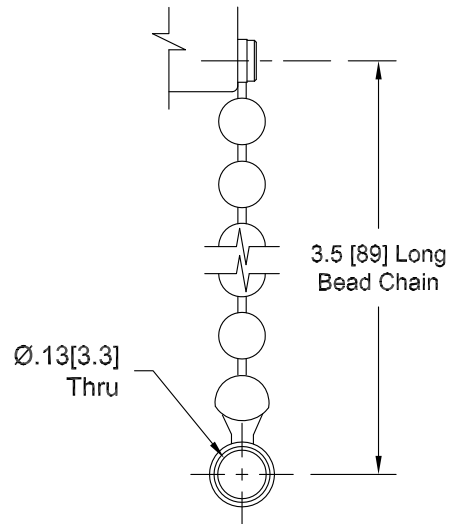
## SPECIFICATIONS:

### Electrical:

Frequency Range \_\_\_\_\_ DC - 4.0 GHz  
Input Power \_\_\_\_\_ 2 Watts Avg. at 25°C derated  
linearly to 0.5 Watts at 125°C  
Peak Power \_\_\_\_\_ 250 Watts Max.  
(5uSec Pulse, .05% Duty Cycle)  
VSWR \_\_\_\_\_ See Below  
Impedance \_\_\_\_\_ 50 Ohms  
Temperature Coefficient \_\_\_\_\_  $\pm 250$  ppm/°C  
Operating Temp. Range \_\_\_\_\_ -65°C to +125°C

### Mechanical:

BNC Connectors \_\_\_\_\_ Nickel Plated Brass  
Mates with MIL-STD-348  
Conductors \_\_\_\_\_ Gold Plated Beryllium Copper or Brass  
Insulators \_\_\_\_\_ Teflon  
Bead Chains \_\_\_\_\_ Passivated Stainless Steel



**CHAIN DETAIL**

Model Number: **3029**

BNC Female Connector

VSWR:

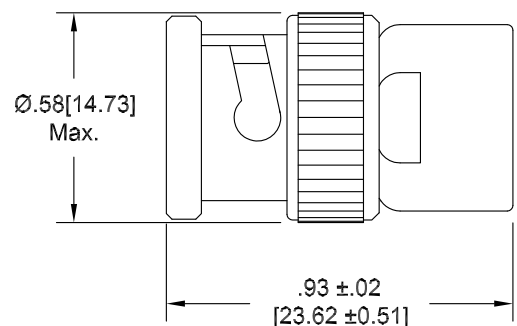
DC - 0.5 GHz \_\_\_\_\_ 1.05:1 Max.  
0.5 - 2.0 GHz \_\_\_\_\_ 1.10:1 Max.  
2.0 - 4.0 GHz \_\_\_\_\_ 1.15:1 Max.

Model Number: **3038**

BNC Male Connector

VSWR:

DC - 1.0 GHz \_\_\_\_\_ 1.10:1 Max.  
1.0 - 3.0 GHz \_\_\_\_\_ 1.15:1 Max.  
3.0 - 4.0 GHz \_\_\_\_\_ 1.20:1 Max.



## HOW TO ORDER:

Model Number: **30XXY**

Base Model Number ☐ Style  
3029 = Female = No Chain  
3038 = Male C = Chain Included

## Ordering Examples:

Model Number: **3038C**

DC - 4 GHz; BNC Male; Chain Included

Model Number: **3029**

DC - 4 GHz; BNC Female; No Chain

Model Number: **3038**

DC - 4 GHz; BNC Male; No Chain

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.

3038; REV G

300 Dino Drive • Ann Arbor, MI 48103-9457 U.S.A. • 888-244-6638 or 734-426-5553 • FAX 734-426-5557 • inmet.apitech.com