



2 dB Fixed Attenuator, 75 N Male To 75 N Female  
Brass Nickel Body Rated To 1 Watt Up To 1 GHz

TECHNICAL DATA SHEET

PE7029-2

**2 dB Fixed Attenuator, 75 N Male To 75 N Female Brass Nickel Body Rated To 1 Watt Up To 1 GHz**

**Configuration**

|                           |                                 |
|---------------------------|---------------------------------|
| Design                    | Fixed, Bidirectional Attenuator |
| Connector 1               | N Male                          |
| Connector 2               | N Female                        |
| Body Material and Plating | Brass, Nickel                   |

**Electrical Specifications**

|                            |             |
|----------------------------|-------------|
| Frequency Range, MHz       | DC to 1,000 |
| Impedance, Ohms            | 75          |
| Attenuation Value, dB      | 2           |
| Maximum Input Power, Watts | 1           |
| Maximum VSWR               | 1.2:1       |

**Frequency 1**

|                          |             |
|--------------------------|-------------|
| Range, MHz               | DC to 1,000 |
| Attenuation Accuracy, dB | ± 0.3       |

**Mechanical Specifications**

**Temperature**

|                        |            |
|------------------------|------------|
| Operating Range, deg C | -30 to +70 |
|------------------------|------------|

**Size**

|                 |              |
|-----------------|--------------|
| Length, in [mm] | 2.24 [56.9]  |
| Width, in [mm]  | 0.83 [21.08] |

**Connector 1**

|                                   |               |
|-----------------------------------|---------------|
| Type                              | N Male        |
| Contact Material and Plating      | Brass, Gold   |
| Coupling Nut Material and Plating | Brass, Nickel |
| Body Material and Plating         | Brass, Nickel |

**Connector 2**

|                              |                        |
|------------------------------|------------------------|
| Type                         | N Female               |
| Contact Material and Plating | Beryllium Copper, Gold |
| Body Material and Plating    | Brass, Nickel          |

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2 dB Fixed Attenuator, 75 N Male To 75 N Female Brass Nickel Body Rated To 1 Watt Up To 1 GHz PE7029-2](#)

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.



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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

2 dB Fixed Attenuator, 75 N Male To 75 N Female Brass Nickel Body Rated To 1 Watt Up To 1 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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PE7029-2 CAD Drawing

2 dB Fixed Attenuator, 75 N Male To 75 N Female Brass  
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| P/N       | ATTEN. | FIGURE |
|-----------|--------|--------|
| PE7029-1  | 1 dB   | 1      |
| PE7029-2  | 2 dB   | 1      |
| PE7029-3  | 3 dB   | 1      |
| PE7029-6  | 6 dB   | 1      |
| PE7029-10 | 10 dB  | 1      |
| PE7029-20 | 20 dB  | 1      |
| PE7029-30 | 30 dB  | 1      |

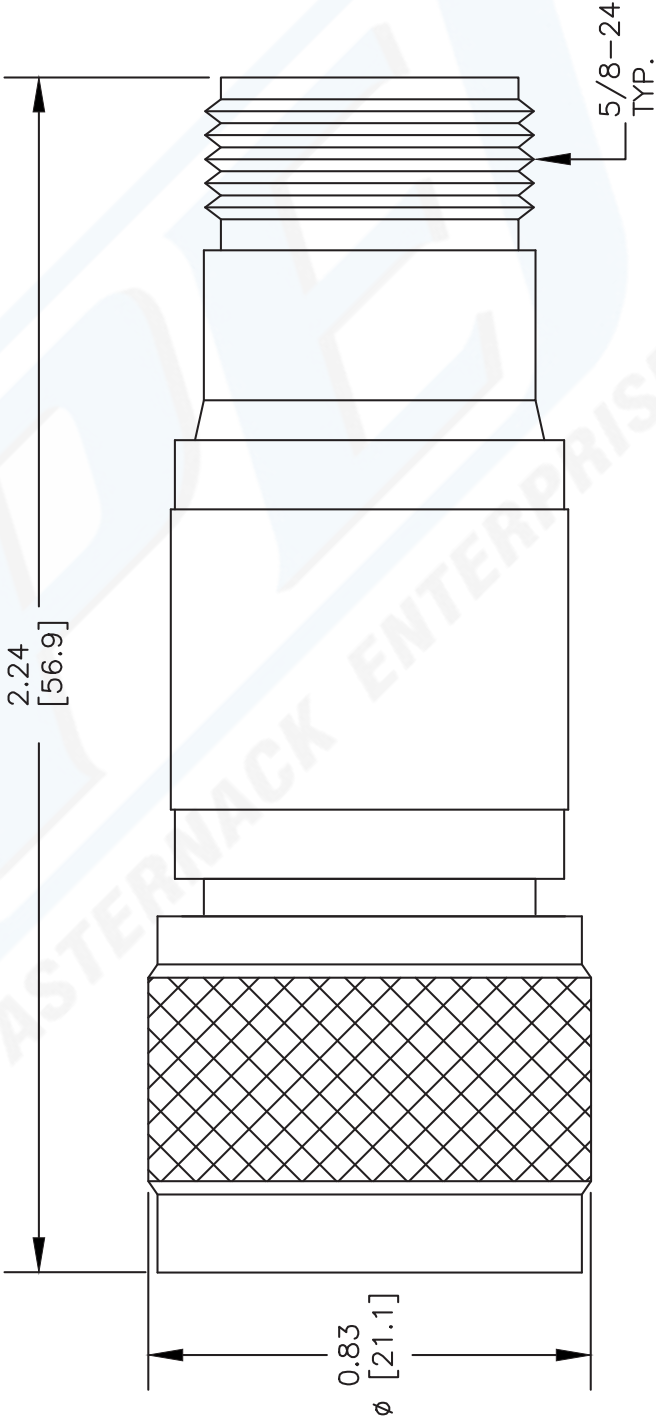


FIGURE 1

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

|           |                |          |       |      |      |
|-----------|----------------|----------|-------|------|------|
| DWG TITLE | FSCM NO. 53919 | CAD FILE | SCALE | SIZE | 2231 |
| PE7029    |                | 022613   | N/A   | A    |      |



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