



30 dB Fixed Attenuator, 75 N Male To 75 N Female Passivated  
Stainless Steel Body Rated To 2 Watts Up To 4 GHz

TECHNICAL DATA SHEET PE7044-30

**30 dB Fixed Attenuator, 75 N Male To 75 N Female Passivated Stainless Steel Body Rated To 2 Watts Up To 4 GHz**

**Configuration**

|                           |                                 |
|---------------------------|---------------------------------|
| Design                    | Fixed, Bidirectional Attenuator |
| Connector 1               | N Male                          |
| Connector 2               | N Female                        |
| Body Material and Plating | Passivated Stainless Steel      |

**Electrical Specifications**

|                            |         |
|----------------------------|---------|
| Frequency Range, GHz       | DC to 4 |
| Impedance, Ohms            | 75      |
| Attenuation Value, dB      | 30      |
| Maximum Input Power, Watts | 2       |
| Maximum VSWR               | 1.3:1   |

**Frequency 1**

|                          |         |
|--------------------------|---------|
| Range, GHz               | DC to 4 |
| Attenuation Accuracy, dB | ± 0.8   |

**Mechanical Specifications**

**Size**

|                 |             |
|-----------------|-------------|
| Length, in [mm] | 1.8 [45.72] |
| Width, in [mm]  | 0.8 [20.32] |

**Connector 1**

|                                      |                            |
|--------------------------------------|----------------------------|
| Type                                 | N Male                     |
| Contact Material and Plating         | Gold                       |
| Outer Conductor Material and Plating | Passivated Stainless Steel |
| Coupling Nut Material and Plating    | Passivated Stainless Steel |
| Body Material and Plating            | Passivated Stainless Steel |

**Connector 2**

|                              |                            |
|------------------------------|----------------------------|
| Type                         | N Female                   |
| Contact Material and Plating | Gold                       |
| Body Material and Plating    | Passivated Stainless Steel |

**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: [30 dB Fixed Attenuator, 75 N Male To 75 N Female Passivated Stainless Steel Body Rated To 2 Watts Up To 4 GHz PE7044-30](#)

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

\*\*75 Ohm Type N Connectors Mate only with other 75 Ohm Type N Connectors, Mating with a 50 Ohm Connector May DAMAGE Center Conductors.\*\*

30 dB Fixed Attenuator, 75 N Male To 75 N Female Passivated Stainless Steel Body Rated To 2 Watts Up To 4 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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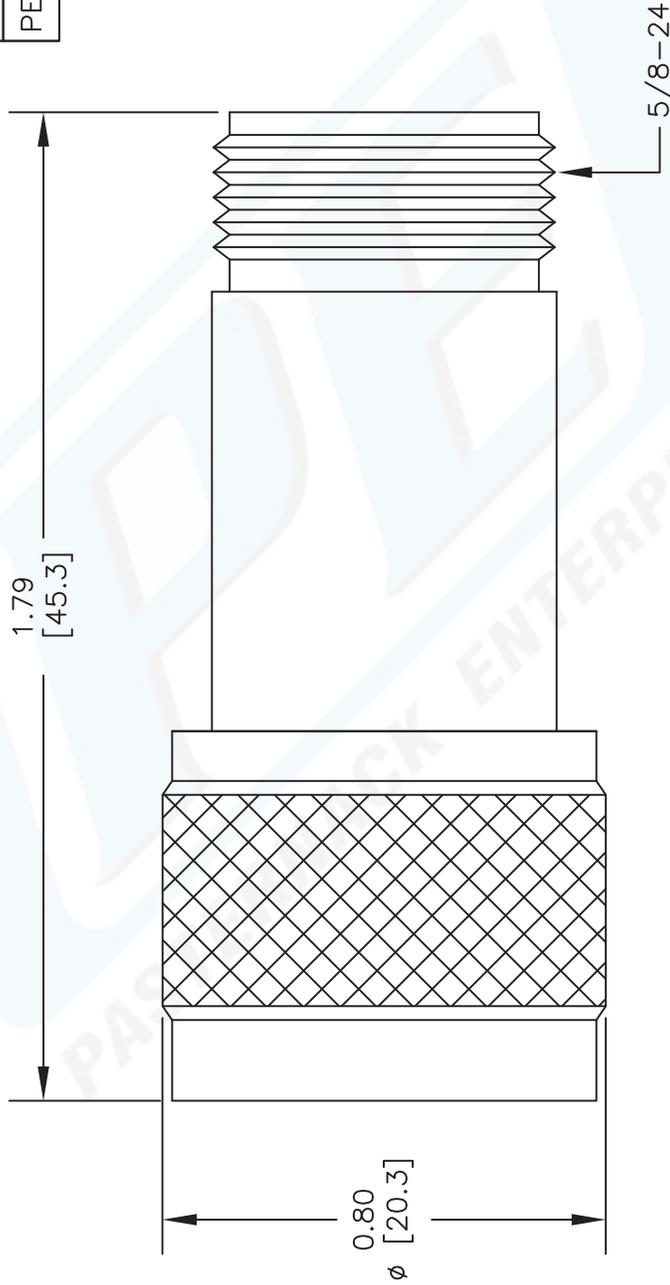
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# PE7044-30 CAD Drawing

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| P/N       | ATTEN. | FIGURE |
|-----------|--------|--------|
| PE7044-1  | 1 dB   | 1      |
| PE7044-2  | 2 dB   | 1      |
| PE7044-3  | 3 dB   | 1      |
| PE7044-6  | 6 dB   | 1      |
| PE7044-10 | 10 dB  | 1      |
| PE7044-20 | 20 dB  | 1      |
| PE7044-30 | 30 dB  | 1      |



75 OHM N  
FEMALE

FIGURE 1

75 OHM N  
MALE

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

**PE7044**

FSCM NO. 53919

XXXX

SIZE A

SCALE N/A

CAD FILE 022613-A

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