



75 Ohm BNC Male To 50 Ohm BNC Female  
Matching Pad Operating From DC to 2 GHz

TECHNICAL DATA SHEET

PE7007

75 Ohm BNC Male To 50 Ohm BNC Female Matching Pad Operating From DC to 2 GHz

**Configuration**

Design	Fixed Matching Pad
Body Style	Straight
Connector 1	BNC Male
Impedance 1	75 Ohms
Connector 2	BNC Female
Impedance 2	50 Ohms

**Electrical Specifications**

Frequency Range, GHz	DC to 2
Maximum VSWR	1.2:1
Maximum Attenuation, dB	6
Maximum Input Power, Watts	1
Directionality	Bidirectional

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-30 to +70
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**Size**

Length, in [mm]	1.8 [45.72]
Width/Dia., in [mm]	0.59 [14.99]
Body Material and Plating	Brass, Nickel

**Connector 1**

Type	BNC Male
Inner Conductor Material and Plating	Brass, Gold
Coupling Nut Material and Plating	Brass, Nickel
Body Material and Plating	Brass, Nickel

**Connector 2**

Type	BNC Female
Inner Conductor Material and Plating	Brass, Gold
Body Material and Plating	Brass, Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm BNC Male To 50 Ohm BNC Female Matching Pad Operating From DC to 2 GHz PE7007](#)

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

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

75 Ohm Type N Connectors Mate Only With Other 75 Ohm Connectors. Mating With 50 Ohm Connectors May Damage Center Conductors.

75 Ohm BNC Male To 50 Ohm BNC Female Matching Pad Operating From DC to 2 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.

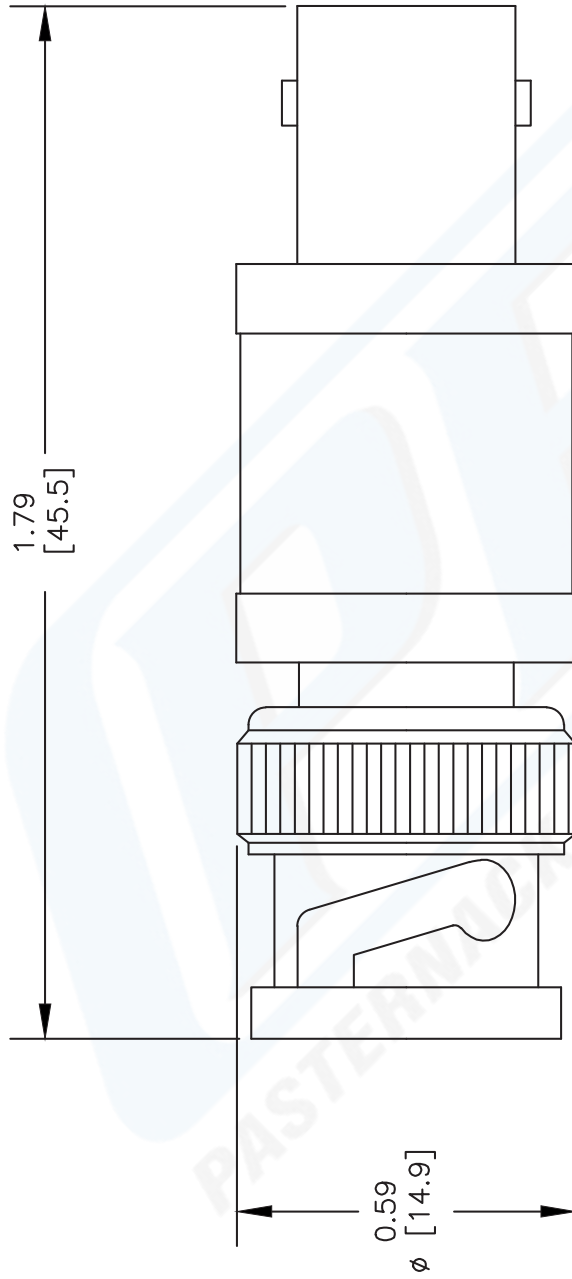
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# PE7007 CAD Drawing

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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  
**PE7007**

REV. B **FSCM NO. 53919**

CAD FILE 012511-B SCALE N/A SIZE A 127

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