



50 Ohm BNC Female to 75 Ohm F Female Matching Pad Operating from DC to 3 GHz RoHS Compliant

## Matching Pads Technical Data Sheet

PE7069

### Configuration

Design	Fixed Matching Pad
Connector 1	50 Ohms BNC Female
Connector Specification 1	MIL-STD-348
Connector 2	75 Ohms F Female

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.25:1	
Attenuation		±0.5	5.7	dB
Input Power (CW)			2	Watts
Input Power (Peak)			250	Watts

#### Electrical Specification Notes:

Impedance Matching Pads are resistive devices and are not designed as DC Pass or DC Block circuits  
Values at +25°C, sea level

### Mechanical Specifications

#### Size

Length	1.88 in [47.75 mm]
Width	0.5 in [12.7 mm]
Weight	0.048 lbs [21.77 g]
Housing Material and Plating	Passivated Stainless Steel

### Connectors

Description	Connector 1	Connector 2
Type	BNC Female	F Female
Impedance	50 Ohms	75 Ohms
Inner Conductor Material and Plating	Beryllium Copper, Gold	Brass, Nickel
Body Material and Plating	Brass, Nickel	Brass, Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm BNC Female to 75 Ohm F Female Matching Pad Operating from DC to 3 GHz RoHS Compliant PE7069](#)



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**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

50 Ohm BNC Female to 75 Ohm F Female Matching Pad Operating from DC to 3 GHz RoHS Compliant from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

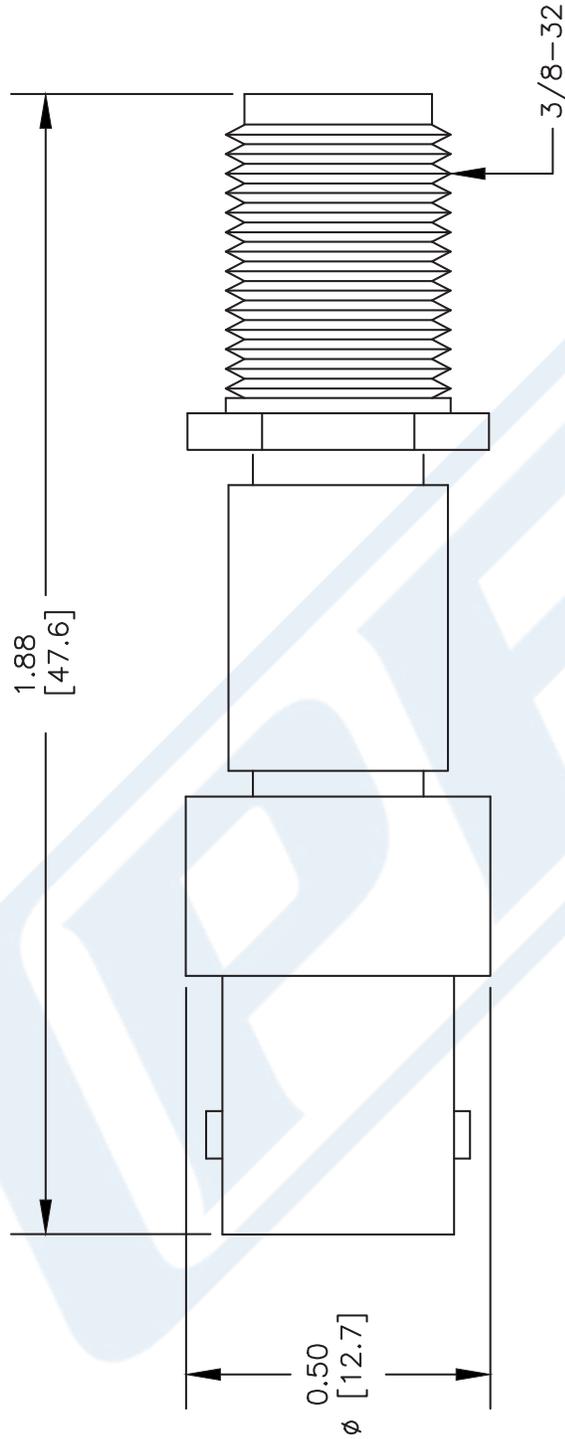
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URL: <https://www.pasternack.com/50-ohm-bnc-female-75-ohm-f-female-matching-pad-pe7069-p.aspx>

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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE7069 CAD Drawing

50 Ohm BNC Female to 75 Ohm F Female Matching Pad  
 Operating from DC to 3 GHz RoHS Compliant



DWG TITLE

**PE7069**

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].

REV. A

FSCM NO. 53919

CAD FILE 020712

SCALE N/A

SIZE A

2233



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