



## 50 Ohm N Male to 75 Ohm F Female Adapter

### TECHNICAL DATA SHEET

PE9155

#### 50 Ohm N Male to 75 Ohm F Female Adapter

##### Configuration

Connector 1	N Male
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348A
Connector 2	F Female
Impedance 2	75 Ohms
Adapter Design	Standard
Body Style	Straight

##### Electrical Specifications

Frequency Range, MHz	DC to 250
Maximum VSWR	1.3:1
Maximum Operating Voltage, Volts	500
Dielectric Withstanding Voltage, Vrms	1,500

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-40 to +60
------------------------	------------

###### Size

Length, in [mm]	1.469 [37.31]
Width/Dia., in [mm]	0.827 [21.01]

##### Connector 1

Type	N Male
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	30μ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100μ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100μ in. minimum
Dielectric Type	Teflon

##### Connector 2

Type	F Female
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	30μ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100μ in. minimum
Dielectric Type	Teflon

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm N Male to 75 Ohm F Female Adapter PE9155](#)

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.

50 Ohm N Male to 75 Ohm F Female Adapter



TECHNICAL DATA SHEET

PE9155

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

RoHS Compliant

Yes

**Plotted and Other Data**

Notes:

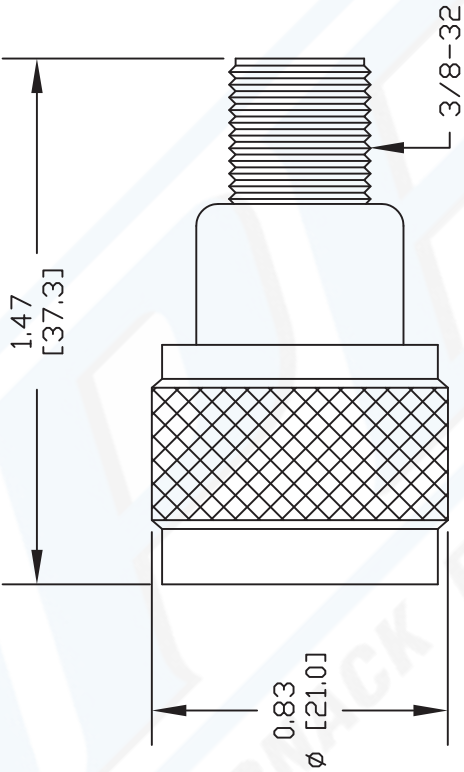
Values at 25 °C, sea level

URL: <http://www.pasternack.com/n-male-f-female-straight-adapter-pe9155-p.aspx>

50 Ohm N Male to 75 Ohm F Female Adapter 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.

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.

PE9155 CAD Drawing  
50 Ohm N Male to 75 Ohm F Female Adapter



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  
**PE9155**

REV. A FSCM NO. 53919 CAD FILE 073012 SCALE N/A SIZE A 2231

**PE PASTERNAK®**  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: www.pasternack.com | E-Mail: sales@pasternack.com