

N Female to 7/16 DIN Female Adapter



TECHNICAL DATA SHEET

PE9180

N Female to 7/16 DIN Female Adapter

Configuration

Connector 1	N Female
Connector Specification 1	MIL-STD-348
Connector 2	7/16 DIN Female
Connector Specification 2	IEC 169-4
Adapter Design	Standard
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 8
Impedance, Ohms	50
Maximum VSWR	1.22:1
Maximum Operating Voltage, Volts	1,000
Dielectric Withstanding Voltage, Vrms	2,500

Frequency 1

Frequency, MHz	DC to 1,000
VSWR	1.03:1

Frequency 2

Frequency, GHz	1 to 4
VSWR	1.12:1

Frequency 3

Frequency, GHz	4 to 8
VSWR	1.22:1

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +155
------------------------	-------------

Size

Length, in [mm]	1.95 [49.53]
Width/Dia., in [mm]	1.14 [28.96]
Dielectric Type	PTFE

Connector 1

Type	N Female
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, 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: [N Female to 7/16 DIN Female Adapter PE9180](#)

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.



N Female to 7/16 DIN Female Adapter

TECHNICAL DATA SHEET

PE9180

Connector 2

Type	7/16 DIN Female
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Brass, Nickel

Compliance Certifications (visit www.Pasternack.com for current document)

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

Plotted and Other Data

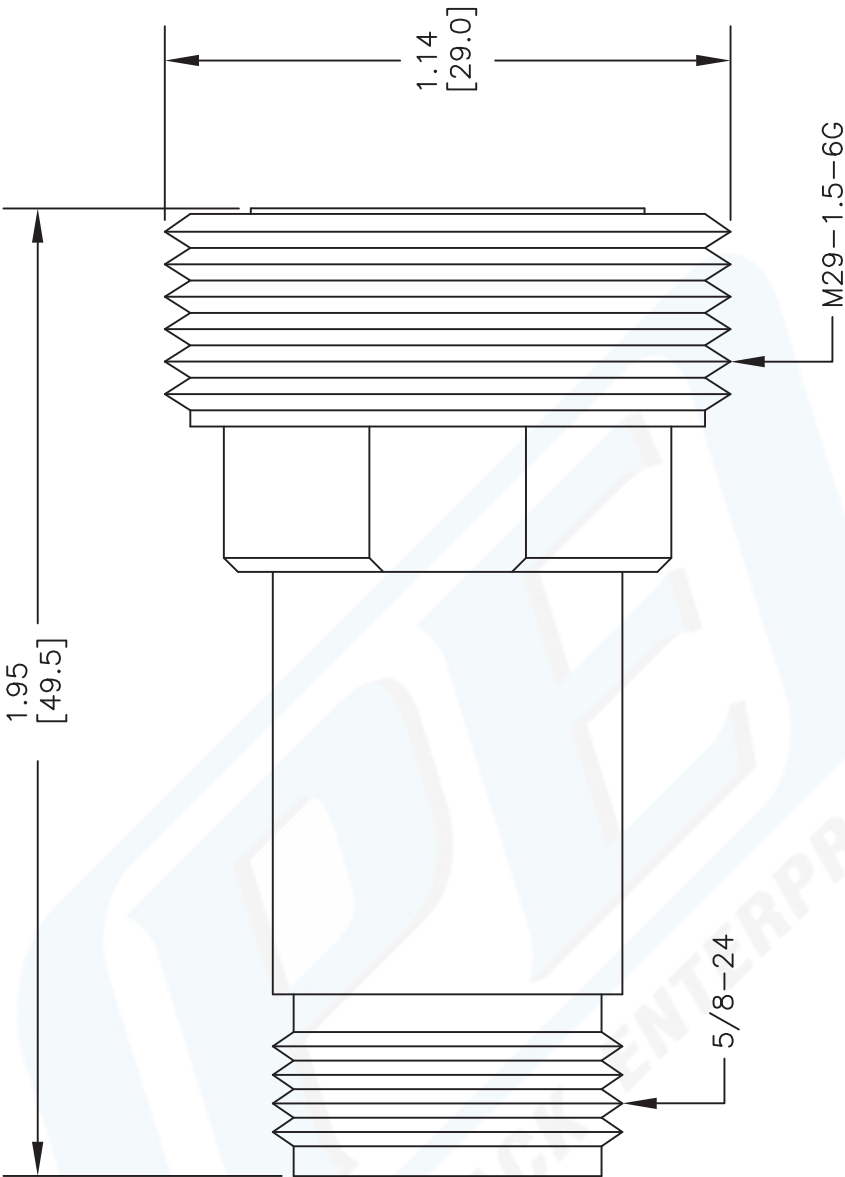
Notes:	Values at 25 °C, sea level
--------	----------------------------

URL: <http://www.pasternack.com/n-female-7-16-female-straight-adapter-pe9180-p.aspx>

N Female to 7/16 DIN 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.

PE9180 CAD Drawing
N Female to 7/16 DIN 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

PE9180

REV. B

FSCM NO. 53919

CAD FILE 021412

SCALE N/A

SIZE A

2233



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