



## Ruggedized 2.4mm NMD Female to 2.4mm Female Adapter

### TECHNICAL DATA SHEET

PE91145

#### Configuration

Connector 1	2.4mm NMD Female
Impedance 1	50 Ohms
Connector 2	2.4mm Female
Impedance 2	50 Ohms
Adapter Design	Ruggedized
Body Style	Straight

#### Electrical Specifications

Frequency Range	DC to 50 GHz
Maximum VSWR	1.35:1

##### Frequency 1

Frequency, GHz	DC to 5
VSWR	1.05:1

##### Frequency 2

Frequency, GHz	5 to 31
VSWR	1.15:1

##### Frequency 3

Frequency, GHz	31 to 50
VSWR	1.35:1

#### Mechanical Specifications

##### Size

Length, in [mm]	1.5 [38.1]
Width/Dia., in [mm]	0.74 [18.8]

##### Connector 1

Type	2.4mm NMD Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Passivated Stainless Steel
Coupling Nut Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PSU

##### Connector 2

Type	2.4mm Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PSU

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Ruggedized 2.4mm NMD Female to 2.4mm Female Adapter PE91145](#)



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#### Environmental Specifications

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

RoHS Compliant

#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

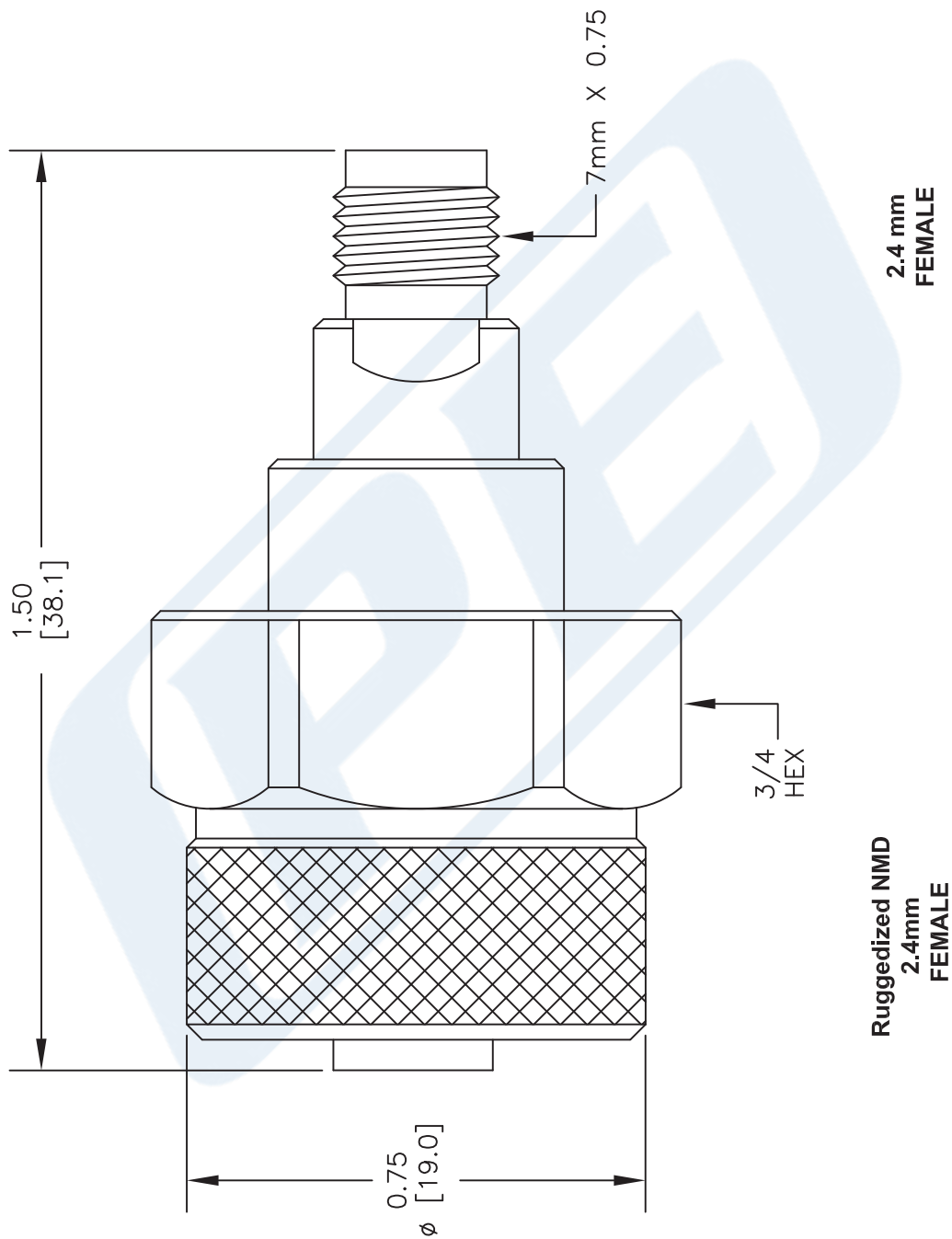
Ruggedized 2.4mm NMD Female to 2.4mm Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Ruggedized 2.4mm NMD Female to 2.4mm Female Adapter PE91145](http://www.pasternack.com/2.4mm-nmd-female-2.4mm-female-straight-adapter-pe91145-p.aspx)

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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.

**PE91145 CAD Drawing**  
Ruggedized 2.4mm NMD Female to 2.4mm Female Adapter



DWG TITLE

**PE91145**

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].

FSCM NO. 53919

CAD FILE 020414

SCALE N/A

SIZE A

150

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