



## Ruggedized 2.4mm NMD Female to SMA Female Adapter

### RF Adapters Technical Data Sheet

PE91146

#### Configuration

- 2.4mm NMD Female Connector 1
- SMA Female Connector 2
- 50 Ohms
- Ruggedized Design
- Straight Body Geometry

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.19:1	

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 8	8 to 9	9 to 18		GHz
VSWR, Max	1.03:1	1.09:1	1.15:1	1.19:1		

#### Mechanical Specifications

<b>Size</b>	
Length	1.43 in [36.32 mm]
Width	0.74 in [18.8 mm]
Weight	0.06305 lbs [28.6 g]

Description	Connector 1	Connector 2
Type	2.4mm NMD Female	SMA Female
Polarity	Standard	Standard

#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	2.4mm NMD Female		SMA Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PSU		Teflon	
Outer Conductor	Passivated Stainless Steel		Passivated Stainless Steel	
Body	Passivated Stainless Steel		Passivated Stainless Steel	

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 SMA Female Adapter PE91146](#)



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Coupling Nut    Passivated Stainless Steel

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

RoHS Compliant  
REACH Compliant

12/17/2014

Ruggedized 2.4mm NMD Female to SMA 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.

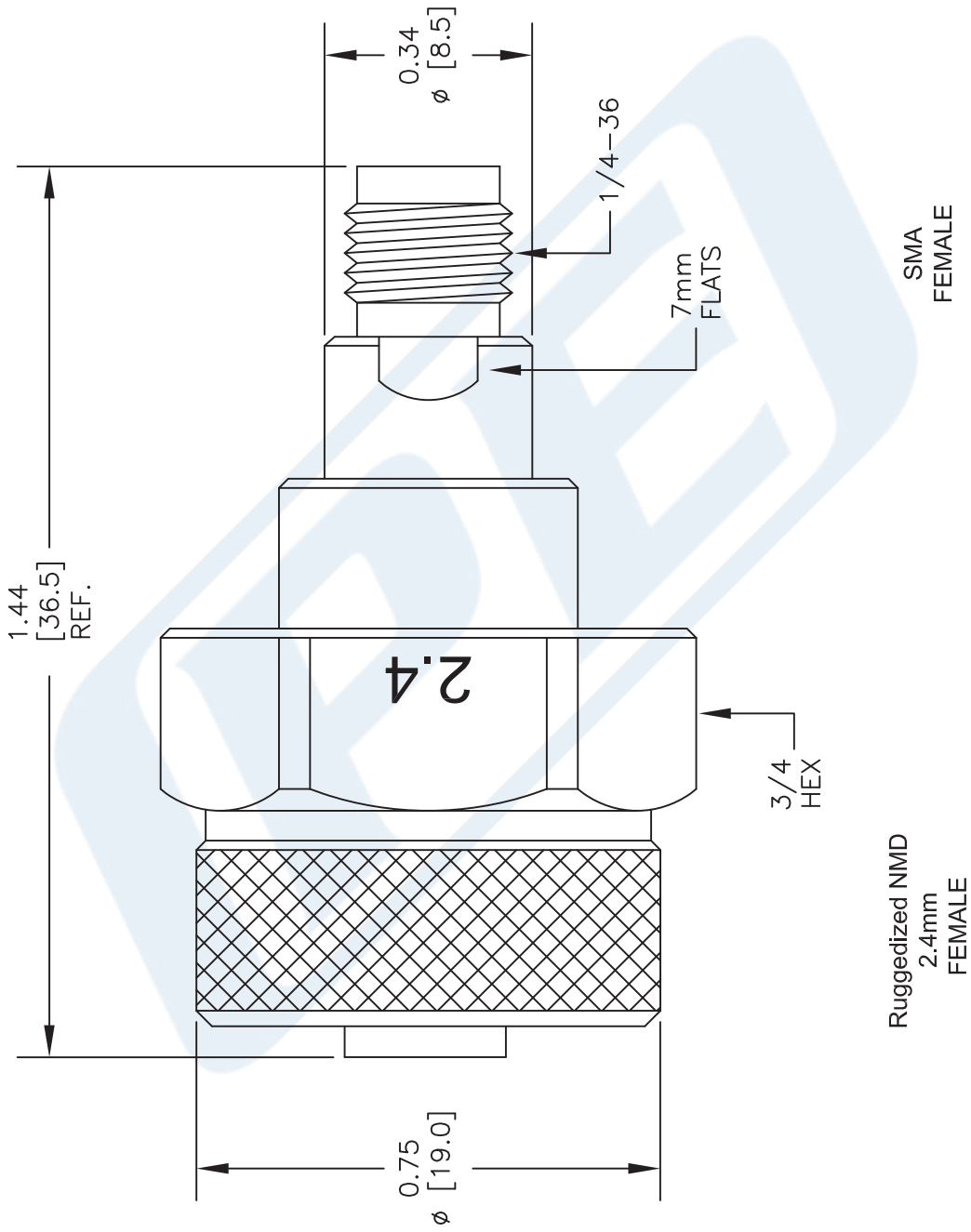
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Ruggedized 2.4mm NMD Female to SMA Female Adapter PE91146](#)

URL: <http://www.pasternack.com/2.4mm-nmd-female-sma-female-straight-adapter-pe91146-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.

PE91146 CAD Drawing

Ruggedized 2.4mm NMD Female to SMA Female Adapter



DWG TITLE

PE91146

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 120315

SCALE N/A

SIZE A

2233

**PE PASTERNAK®**  
THE ENGINEER'S RF SOURCE

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