PASTERNACK®
www.pasternack.com

Low PIM N Male to N Female Adapter Low VSWR

TECHNICAL DATA SHEET PE91040

Low PIM N Male to N Female Adapter Low VSWR

- PIM levels <-165 dBc
- Low VSWR levels up to 8GHz
- Tri-metal coating provides a durable surface with good corrosion protection abrasion resistance and superior electrical contact properties.
- Available in various connector combinations including 7/16 DIN in-series, Type N in-series, and 7/16 DIN to Type N and SMA between series
- 4-hole flange and bulkhead mount styles available
- Ideal choice for use in portable PIM testing applications

Configuration

Connector 1	N Male
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348
Connector 2	N Female
Impedance 2	50 Ohms
Connector Specification 2	MIL-STD-348
Adapter Design	Low PIM
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 12.4
Maximum VSWR	1.29:1
Dielectric Withstanding Voltage, Vrms	2,500
Maximum Passive Intermodulation (2 x 20 Watts), dBc	-165

Frequency 1

Frequency, GHz	DC to 2
VSWR	1.09:1
Return Loss, dB	28

Frequency 2

Frequency, GHz	2 to 12.4
VSWR	1.29:1
Return Loss, dB	18

Mechanical Specifications

Temperature

Operating Range,deg C	-65 to +165

Size

Length, in [mm]	1.68 [42.67]
Width/Dia., in [mm]	0.812 [20.62]
Weight, lbs [g]	0.12 [54.43]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Low PIM N Male to N Female Adapter Low VSWR PE91040

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

ISO 9001 : 2008 Registered

PASTERNACK®
www.pasternack.com

Low PIM N Male to N Female Adapter Low VSWR

TECHNICAL DATA SHEET PE91040

Connector 1

Type	N Male
Mating Cycles	500
Inner Conductor Material and Plating	Brass, Silver
Inner Conductor Plating Specification	200 [5] µ in. [µm] minimum
Coupling Nut Material and Plating	Brass, Tri-Metal
Coupling Nut Plating Specification	100 [2.54] µ in. [µm] minimum
Hex Size, mm	21
Torque, in-lbs [Nm]	15 [1.7]
Body Material and Plating	Brass, Tri-Metal
Body Plating Specification	100 [2.54] µ in. [µm] minimum
Dielectric Type	PTFE

Connector 2

Type	N Female
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Silver
Inner Conductor Plating Specification	200 [5] µ in. [µm] minimum
Body Material and Plating	Brass, Tri-Metal
Body Plating Specification	100 [2.54] µ in. [µm] minimum
Dielectric Type	PTFE

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

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

Low PIM N Male to N Female Adapter Low VSWR 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.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Low PIM N Male to N Female Adapter Low VSWR PE91040

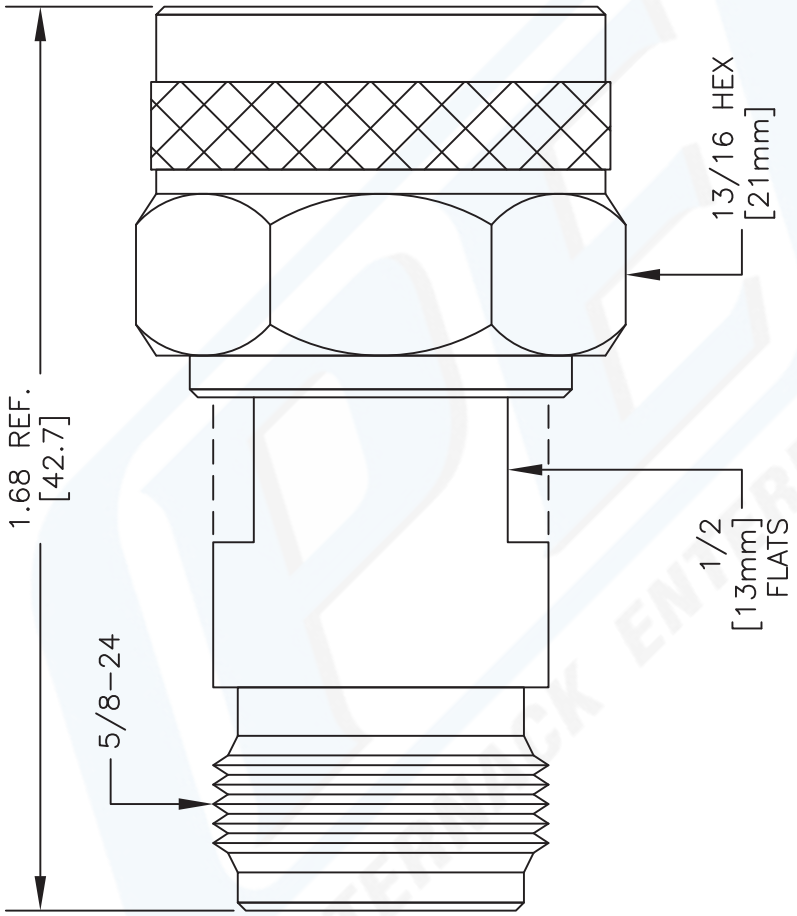
URL: http://www.pasternack.com/n-male-n-female-straight-adapter-pe91040-p.aspx

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

ISO 9001 : 2008 Registered

PE91040 CAD Drawing

Low PIM N Male to N Female Adapter Low VSWR



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 **PE91040**

REV.	FSCM NO.	CAD FILE	SCALE	SIZE	
-	53919	050312	N/A	A	2233

PASTERNACK ENTERPRISES, INC.
P.O BOX 16759, IRVINE, CA 92623
PHONE (949) 261-1920 FAX (949) 261-7451
WEB ADDRESS: www.pasternack.com
E-MAIL ADDRESS: sales@pasternack.com
COAXIAL & FIBER OPTICS
PASTERNACK ENTERPRISES®
ESTABLISHED 1972