PASTERNACK®
THE ENGINEER'S RF SOURCE



# Low PIM 4.1/9.5 Mini DIN Male to N Male Adapter

## TECHNICAL DATA SHEET PE91092

### Configuration

| | |
|---|---|
| Connector 1 | 4.1/9.5 Mini DIN Male |
| Impedance 1 | 50 Ohms |
| Connector 2 | N Male |
| Impedance 2 | 50 Ohms |
| Adapter Design | Low PIM |
| Body Style | Straight |

### Electrical Specifications

| | |
|---|---|
| Frequency Range, GHz | DC to 6 |
| Maximum VSWR | 1.25:1 |
| Maximum Passive Intermodulation (2 x 20 Watts), dBc | -160 |

**Frequency 1**

| | |
|---|---|
| Frequency, GHz | DC to 3 |
| VSWR | 1.1:1 |

**Frequency 2**

| | |
|---|---|
| Frequency, GHz | 3 to 4 |
| VSWR | 1.15:1 |

### Mechanical Specifications

**Temperature**

| | |
|---|---|
| Operating Range,deg C | -55 to +120 |

**Size**

| | |
|---|---|
| Length, in [mm] | 2 [50.8] |
| Width/Dia., in [mm] | 0.86 [21.84] |

**Connector 1**

| | |
|---|---|
| Type | 4.1/9.5 Mini DIN Male |
| Mating Cycles | 500 |
| Inner Conductor Material and Plating | Beryllium Copper, Silver |
| Coupling Nut Material and Plating | Brass, Tri-Metal |
| Hex Size, mm | 22 |
| Body Material and Plating | Brass, Tri-Metal |
| Dielectric Type | PTFE |

**Connector 2**

| | |
|---|---|
| Type | N Male |
| Mating Cycles | 500 |
| Inner Conductor Material and Plating | Beryllium Copper, Silver |
| Coupling Nut Material and Plating | Brass, Tri-Metal |
| Hex Size, mm | 20 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM 4.1/9.5 Mini DIN Male to N Male Adapter PE91092

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 Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
**Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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| | |
|---|---|
| Body Material and Plating | Brass, Tri-Metal |
| 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 4.1/9.5 Mini DIN Male to N Male 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM 4.1/9.5 Mini DIN Male to N Male Adapter PE91092

URL: http://www.pasternack.com/4.1-9.5-mini-din-male-n-male-straight-adapter-pe91092-p.aspx

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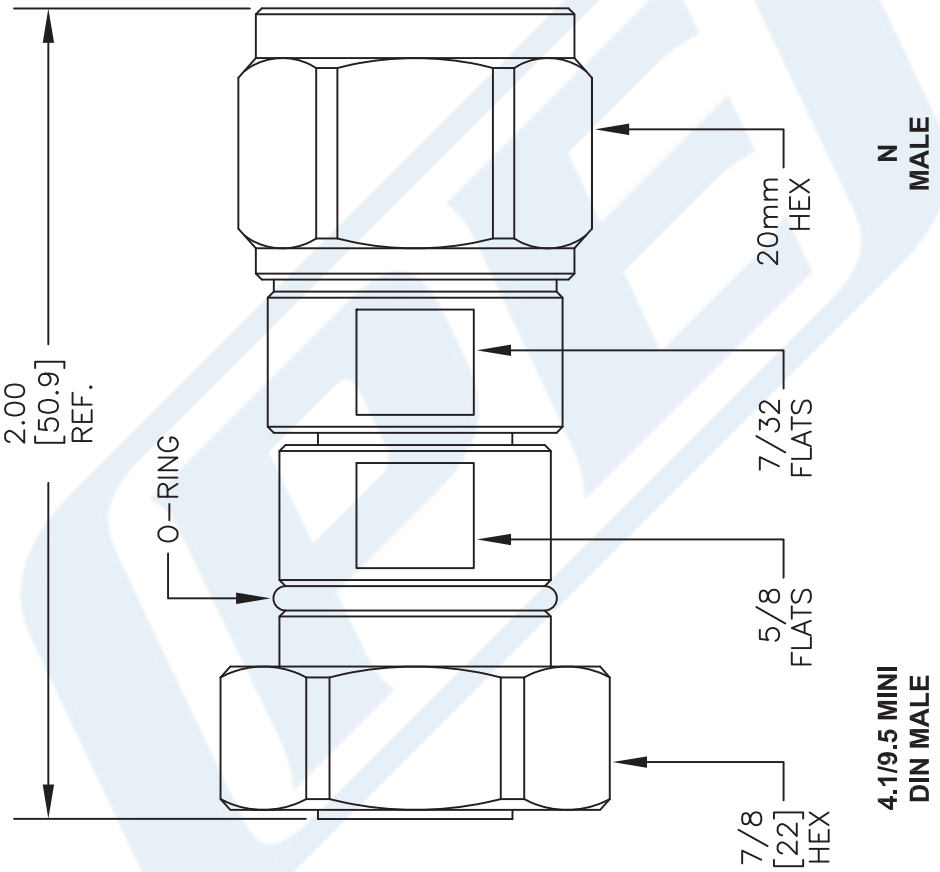
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# PE91092 CAD Drawing

Low PIM 4.1/9.5 Mini DIN Male to N Male 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].

| CAD FILE | 010814 | SCALE N/A | SIZE A | 2233 |
|---|---|---|---|---|

DWG TITLE **PE91092**

**FSCM NO. 53919**


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