



## 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
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##### 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.



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Body Material and Plating  
Dielectric Type

Brass, Tri-Metal  
PTFE

**Compliance Certifications** (visit [www.Pasternack.com](http://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.

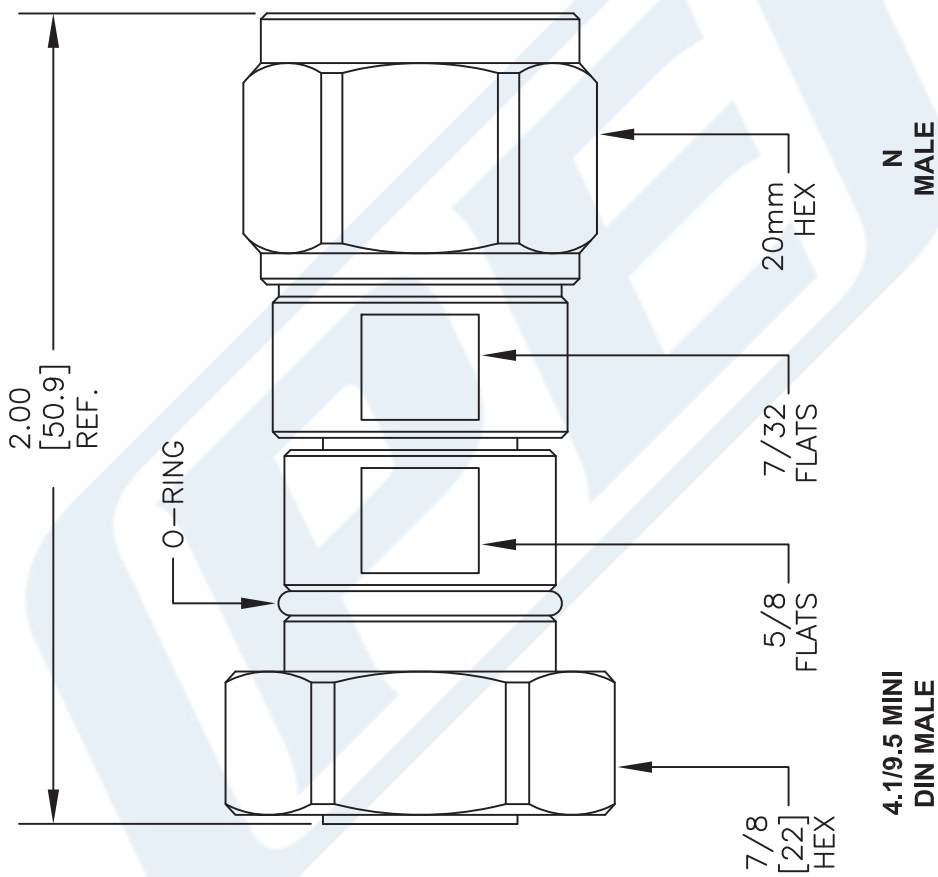
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low PIM 4.1/9.5 Mini DIN Male to N Male Adapter PE91092](http://www.pasternack.com/4.1-9.5-mini-din-male-n-male-straight-adapter-pe91092-p.aspx)

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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].

DWG TITLE  
**PE91092**

FSCM NO. 53919

CAD FILE 010814  
SCALE N/A  
SIZE A  
2233

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