



Low PIM 7/16 DIN Female to 4.1/9.5 Mini DIN Male Adapter

TECHNICAL DATA SHEET

PE91090

Configuration

Connector 1	7/16 DIN Female
Impedance 1	50 Ohms
Connector 2	4.1/9.5 Mini DIN Male
Impedance 2	50 Ohms
Adapter Design	Low PIM
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 6 GHz
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

Size

Length, in [mm]	2.03 [51.56]
Width/Dia., in [mm]	1.14 [28.96]

Connector 1

Type	7/16 DIN Female
Inner Conductor Material and Plating	Beryllium Copper, Silver
Outer Conductor Material and Plating	Brass, Tri-Metal
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

Connector 2

Type	4.1/9.5 Mini DIN Male
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

Environmental Specifications

Temperature

Operating Range	-40 to +120 deg C
-----------------	-------------------

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low PIM 7/16 DIN Female to 4.1/9.5 Mini DIN Male Adapter PE91090](#)

TECHNICAL DATA SHEET

PE91090

RoHS Compliant

Notes:

- Values at +25 °C, sea level

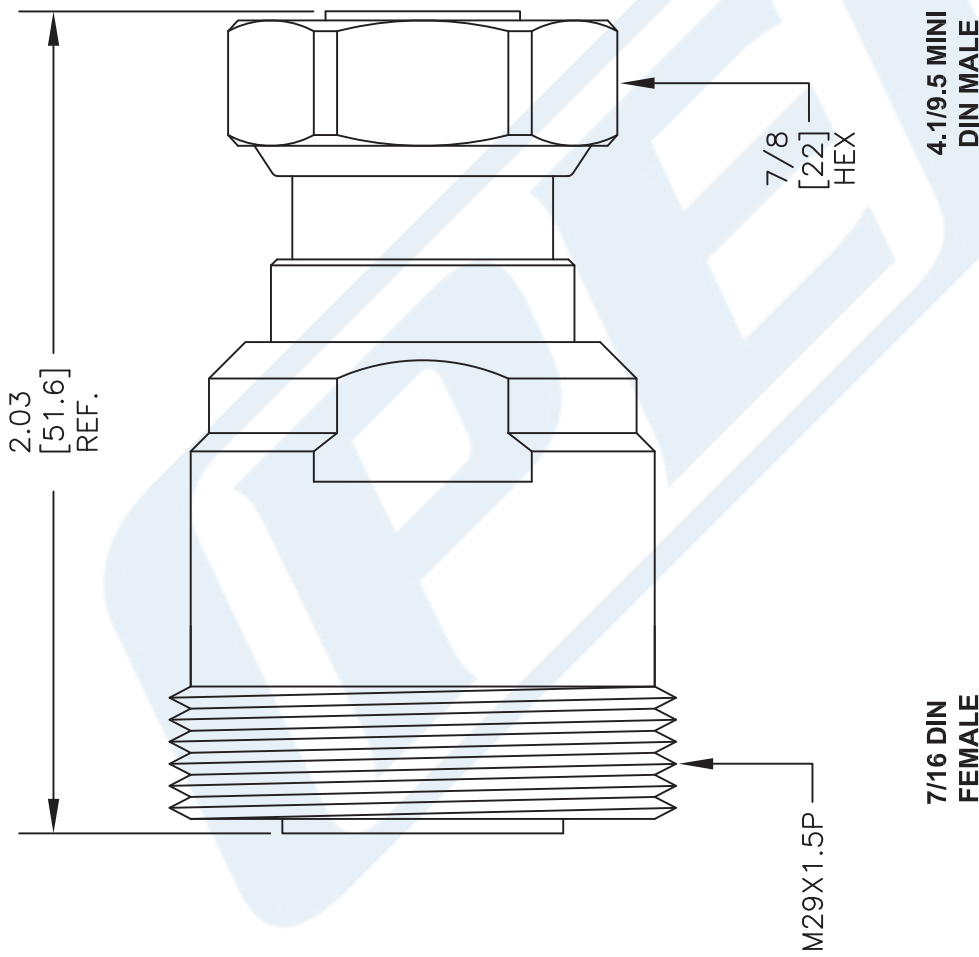
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low PIM 7/16 DIN Female to 4.1/9.5 Mini DIN Male Adapter PE91090](#)

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.



PE91090 CAD Drawing

Low PIM 7/16 DIN Female to 4.1/9.5 Mini DIN 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
PE91090

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 052814

PE PASTERNACK®
THE ENGINEER'S RF SOURCE
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com