



7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter IP67 Mated

TECHNICAL DATA SHEET

PE91206

Configuration

| | |
|----------------|-----------------------|
| Connector 1 | 7/16 DIN Male |
| Impedance 1 | 50 Ohms |
| Connector 2 | 4.1/9.5 Mini DIN Male |
| Impedance 2 | 50 Ohms |
| Adapter Design | Standard |
| Body Style | Straight |

Electrical Specifications

| | |
|-----------------|-------------|
| Frequency Range | DC to 6 GHz |
| Maximum VSWR | 1.25:1 |

Frequency 1

| | |
|-----------------|---------|
| Frequency, GHz | DC to 3 |
| VSWR | 1.1:1 |
| Return Loss, dB | 26.4 |

Frequency 2

| | |
|-----------------|--------|
| Frequency, GHz | 3 to 4 |
| VSWR | 1.15:1 |
| Return Loss, dB | 23.13 |

Mechanical Specifications

Size

| | |
|-----------------|---------------|
| Length, in [mm] | 1.969 [50.01] |
|-----------------|---------------|

Connector 1

| | |
|--------------------------------------|------------------|
| Type | 7/16 DIN Male |
| Inner Conductor Material and Plating | Brass, Silver |
| Coupling Nut Material and Plating | Brass, Tri-Metal |
| Hex Size, mm | 32 |
| Torque, ft-lbs [Nm] | 18.333 [24.86] |
| Body Material and Plating | Brass, Tri-Metal |
| Dielectric Type | PTFE |

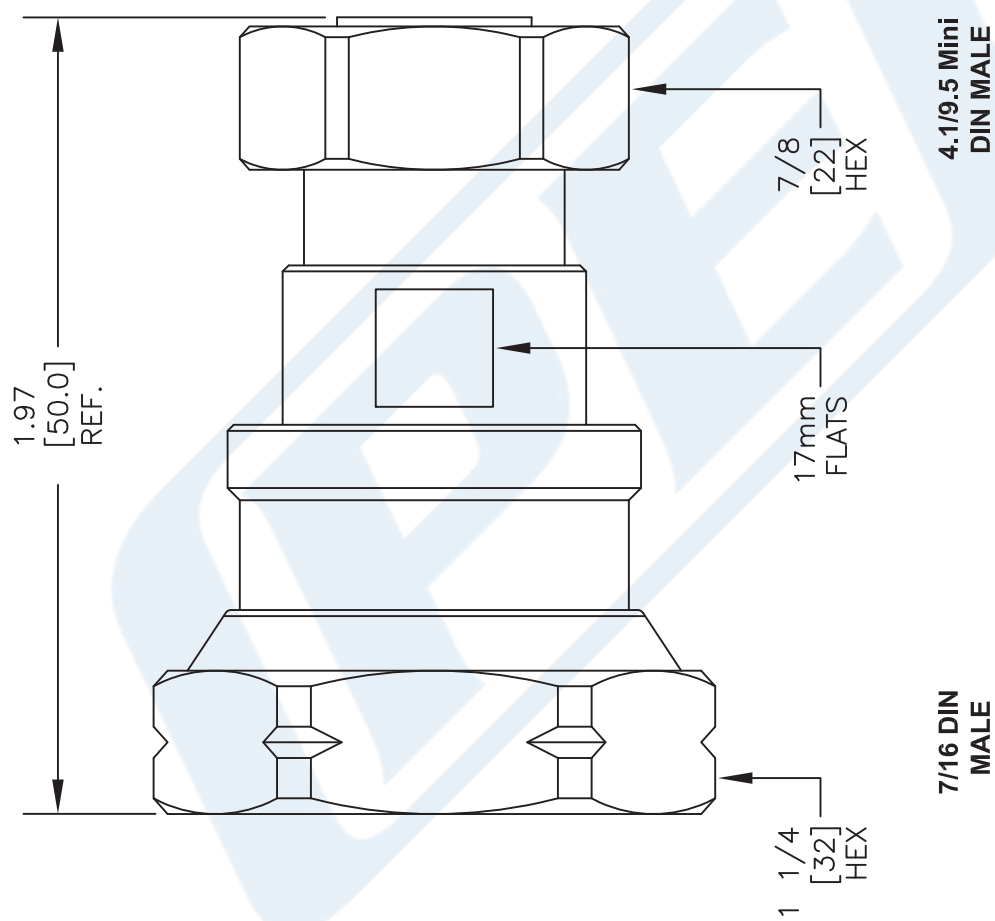
Connector 2

| | |
|--------------------------------------|-----------------------|
| Type | 4.1/9.5 Mini DIN Male |
| Inner Conductor Material and Plating | Brass, Silver |
| Coupling Nut Material and Plating | Brass, Tri-Metal |
| Hex Size, mm | 22 |
| Torque, in-lbs [Nm] | 90 [10.17] |
| Body Material and Plating | Brass, Tri-Metal |
| Dielectric Type | PTFE |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter IP67 Mated PE91206](#)

PE91206 CAD Drawing

7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter IP67 Mated



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
PE91206

PE PASTERNAK®
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

FSCM NO. 53919

CAD FILE 060614

SCALE N/A

SIZE A

2233