



## 3.5mm Male to 3.5mm Female Right Angle Adapter

### TECHNICAL DATA SHEET

PE91170

#### Configuration

Connector 1	3.5mm Male
Impedance 1	50 Ohms
Connector 2	3.5mm Female
Impedance 2	50 Ohms
Adapter Design	Standard
Body Style	Right Angle

#### Electrical Specifications

Frequency Range	DC to 34.5 GHz
Maximum VSWR	1.25:1

#### Mechanical Specifications

##### Connector 1

Type	3.5mm Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	ASTM A380
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A380
Dielectric Type	PPO

##### Connector 2

Type	3.5mm Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204
Outer Conductor Material and Plating	Passivated Stainless Steel
Outer Conductor Plating Specification	ASTM A380
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A380
Dielectric Type	PPO

#### Environmental Specifications

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)  
RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3.5mm Male to 3.5mm Female Right Angle Adapter PE91170](#)



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#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

3.5mm Male to 3.5mm Female Right Angle Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

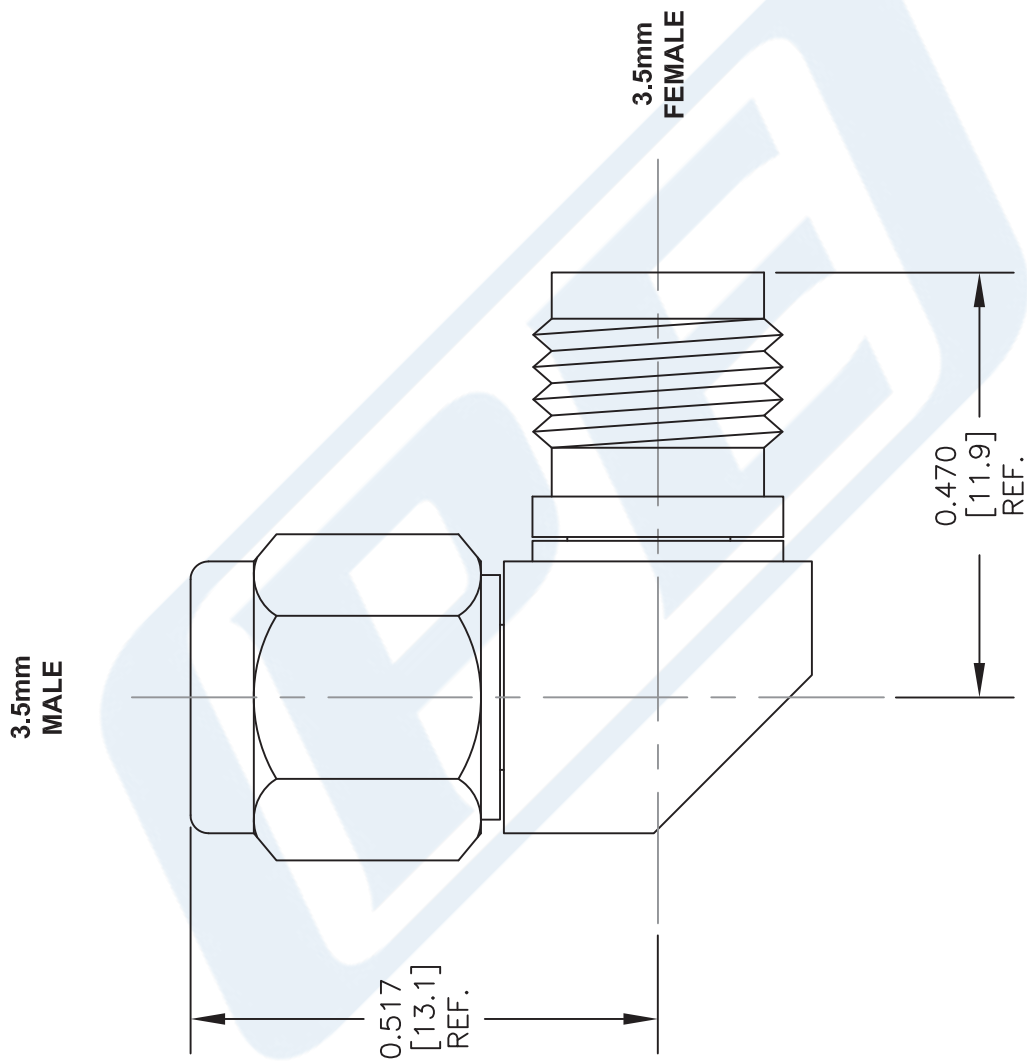
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3.5mm Male to 3.5mm Female Right Angle Adapter PE91170](#)

URL: <http://www.pasternack.com/3.5mm-male-3.5mm-female-right-angle-adapter-pe91170-p.aspx>

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.

# PE91170 CAD Drawing

## 3.5mm Male to 3.5mm Female Right Angle Adapter



DWG TITLE

**PE91170**

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].

FSCM NO. 53919

CAD FILE 022614

SCALE N/A

SIZE A

2233



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