PASTERNACK®
THE ENGINEER'S RF SOURCE



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 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

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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ISO 9001 : 2008 Registered

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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

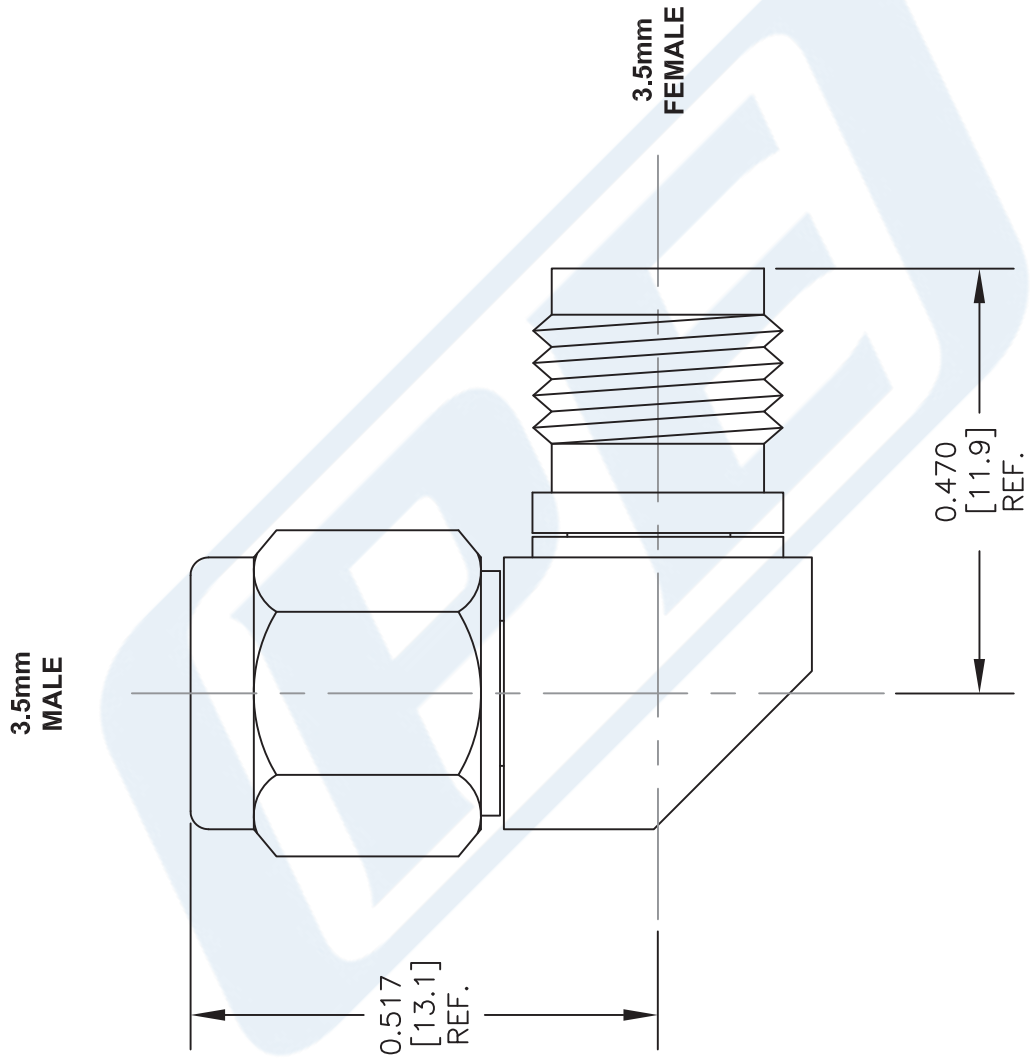
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PE91170 CAD Drawing

3.5mm Male to 3.5mm Female Right Angle 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
PE91170

CAD FILE 022614 | SCALE N/A | SIZE A | 2233

FSCM NO. 53919

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