



Precision 1.85mm Female to 1.85mm Female Adapter

TECHNICAL DATA SHEET

PE91115

Configuration

Connector 1	1.85mm Female
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348
Connector 2	1.85mm Female
Impedance 2	50 Ohms
Connector Specification 2	MIL-STD-348
Adapter Design	Precision
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 67
Maximum VSWR	1.25:1

Frequency 1

Frequency, GHz	DC to 18
VSWR	1.1:1

Frequency 2

Frequency, GHz	18 to 40
VSWR	1.15:1

Frequency 3

Frequency, GHz	40 to 50
VSWR	1.18:1

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +165
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Size

Length, in [mm]	0.852 [21.64]
Width/Dia., in [mm]	0.312 [7.92]

Connector 1

Type	1.85mm Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-STD-348
Outer Conductor Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PTFE

Connector 2

Type	1.85mm Female
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision 1.85mm Female to 1.85mm Female Adapter PE91115](#)

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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Inner Conductor Material and Plating
Inner Conductor Plating Specification
Outer Conductor Material and Plating
Body Material and Plating
Dielectric Type

Beryllium Copper, Gold
MIL-STD-348
Passivated Stainless Steel
Passivated Stainless Steel
PTFE

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Yes

Plotted and Other Data

Notes:

Values at 25 °C, sea level
Mode Free through 67 GHz

Precision 1.85mm Female to 1.85mm Female 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.

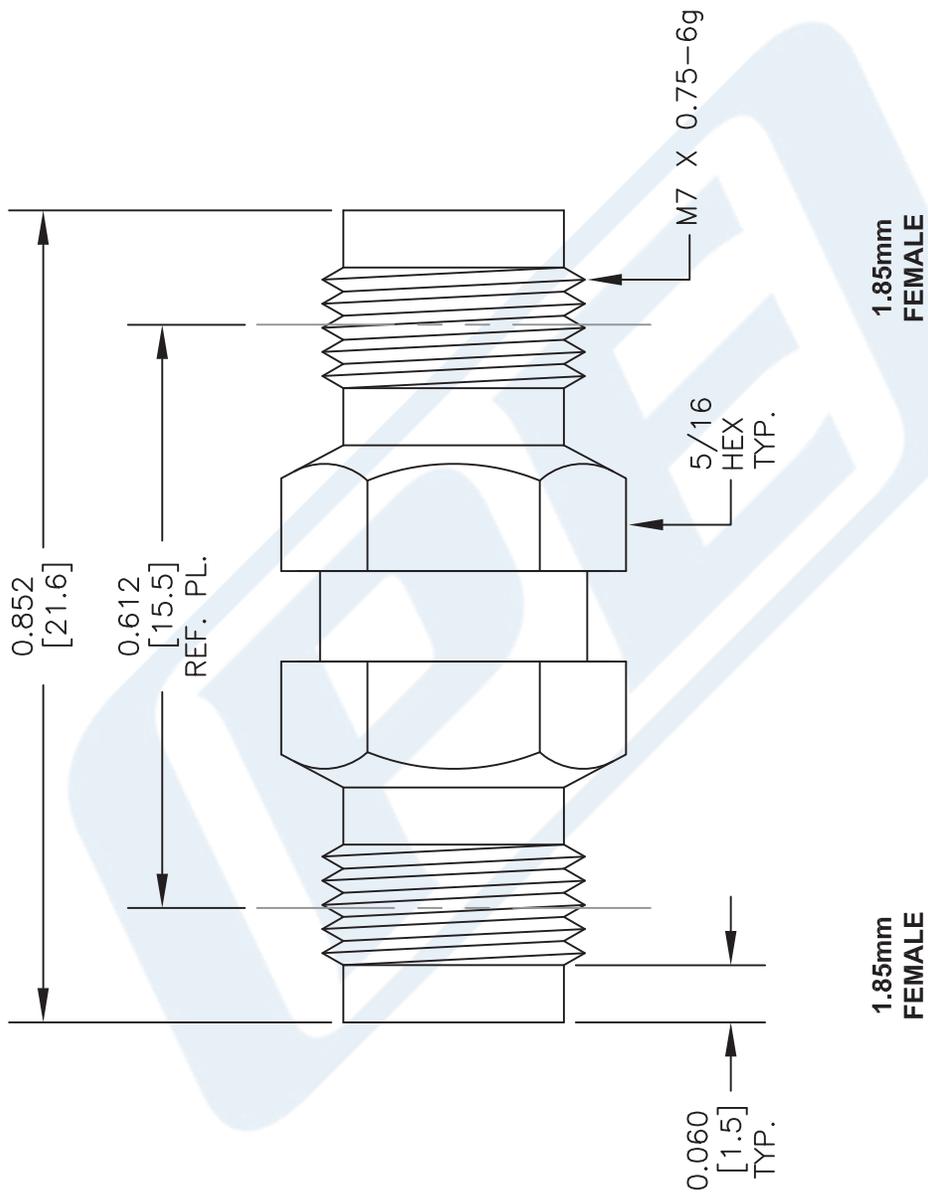
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URL: <http://www.pasternack.com/1.85mm-female-1.85mm-female-straight-adapter-pe91115-p.aspx>

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PE91115 CAD Drawing

Precision 1.85mm Female to 1.85mm Female Adapter



DWG TITLE

PE91115

FSCM NO. 53919

CAD FILE 011314

SCALE N/A

SIZE A

2233

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].



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