



2.92mm Female to 2.92mm Female 4 Hole Flange Mount Adapter

RF Adapters Technical Data Sheet

PE91538

Configuration

- 2.92mm Female Connector 1
- 2.92mm Female Connector 2
- 50 Ohm
- Straight Body Geometry
- 4 Hole Flange Mount Method

Features

- Max VSWR of 1.25:1 up to 40 GHz
- 4 μin. Minimum contact plating
- Gold over Nickel Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Rack Mounted Equipment

Description

Pasternack's PE91538 2.92mm female to 2.92mm female 4 hole flange adapter is part of our full line of RF components available for same-day shipping. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. Our 2.92mm to 2.92mm adapter has a female to female gender configuration built of durable stainless steel. PE91538 2.92mm female to 2.92mm female adapter operates to 40 GHz. The Pasternack RF adapter provides excellent VSWR of 1.25:1 maximum. This RF 2.92mm to 2.92mm 4 hole flange adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
VSWR			1.25:1	

Mechanical Specifications

Size	
Length	0.755 in [19.18 mm]
Width	0.5 in [12.7 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Female to 2.92mm Female 4 Hole Flange Mount Adapter PE91538](#)



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Description	Connector 1	Connector 2
Type	2.92mm Female	2.92mm Female
Polarity	Standard	Standard

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	2.92mm Female		2.92mm Female	
Contact	Beryllium Copper	Gold over Nickel 4 µin. Minimum	Beryllium Copper	Gold over Nickel 4 µin. Minimum
Insulation	Oxide-Noryl		Oxide-Noryl	
Outer Conductor	Passivated Stainless Steel		Passivated Stainless Steel	
Body	Passivated Stainless Steel		Passivated Stainless Steel	

Compliance Certifications (see [product page](#) for current document)

2.92mm Female to 2.92mm Female 4 Hole Flange Mount Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: [2.92mm Female to 2.92mm Female 4 Hole Flange Mount Adapter PE91538](#)

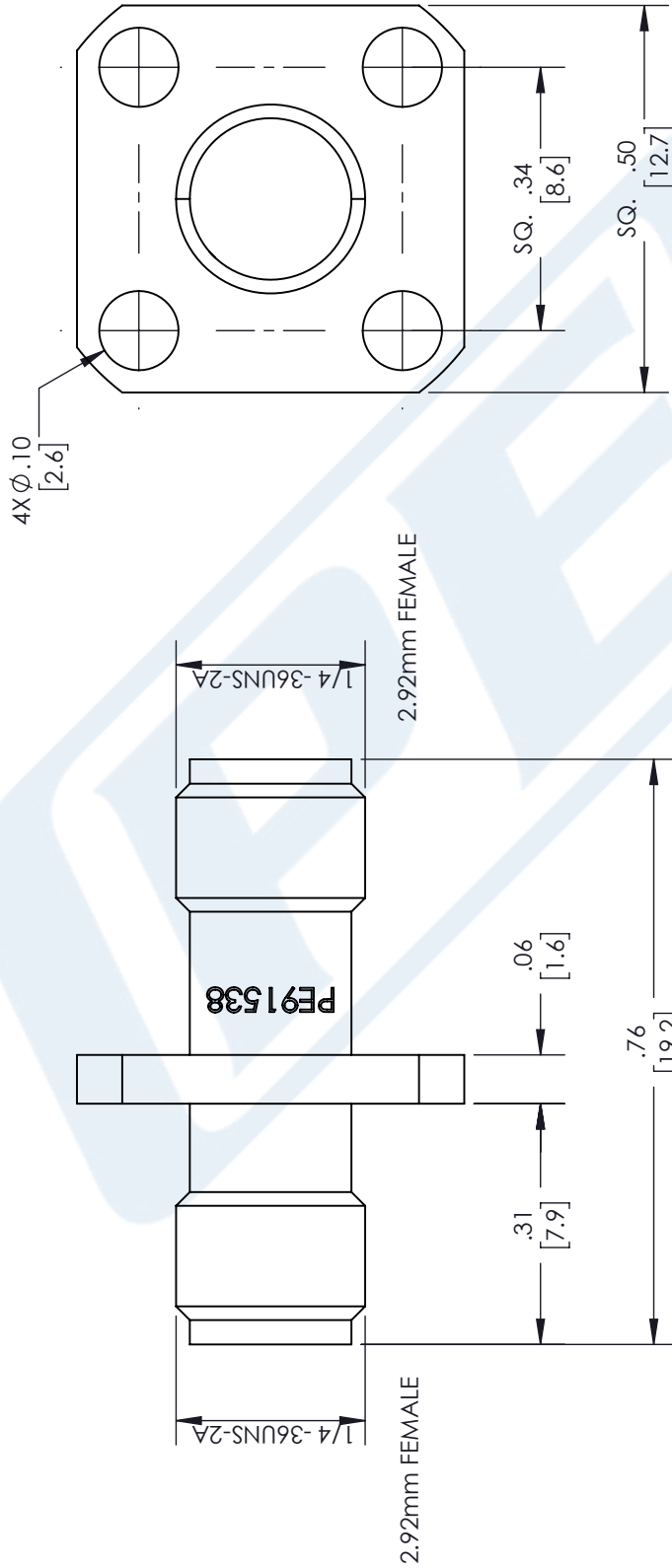
URL: <https://www.pasternack.com/2.92mm-female-2.92mm-female-straight-adapter-pe91538-p.aspx>

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.

PE91538 CAD Drawing

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/15/2021	SELLIS



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08] | FRACTIONS ± 1/32
 .XX = ±.02 [.51] | ANGLES ± 1°
 .XXX = ±.005 [.13]

CABLE LENGTH (L), TOLERANCES:
 L ≤ 12 [305] = +1 [25] / -0
 12 [305] < L ≤ 60 [1524] = +2 [51] / -0
 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
 300 [7620] < L = +5% / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

PE PASTERNAK
 an INFINITI brand

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SIZE A | CAGE CODE 53919 | DRAWN BY MVEERAPPAN | ITEM NO. PE91538

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

REV A