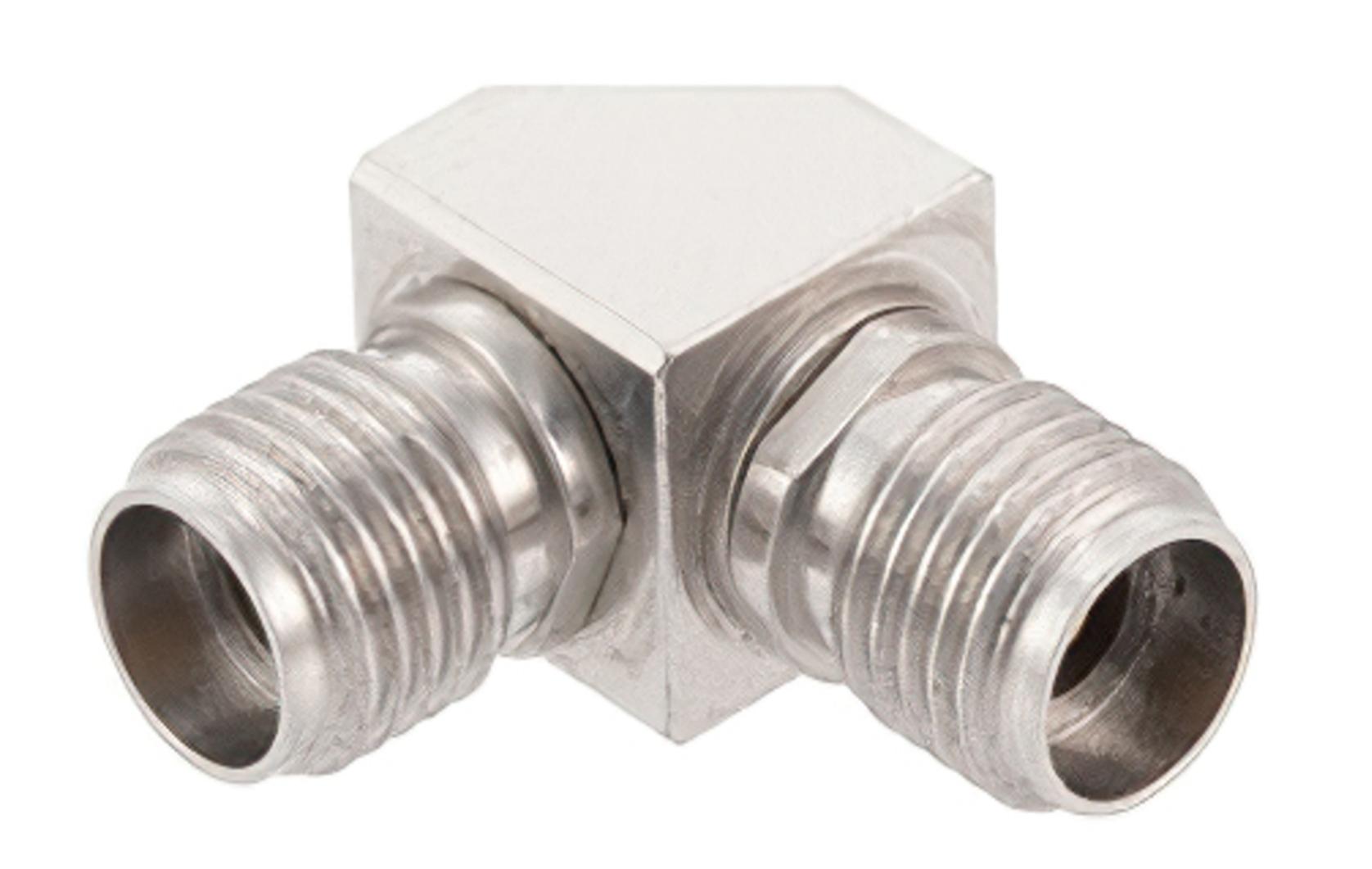


2.92mm Female to 2.92mm Female Miter Right Angle Adapter



# RF Adapters Technical Data Sheet

ET11962

## Configuration

- 2.92mm Female Connector 1
- 2.92mm Female Connector 2

## Features

- Max VSWR of 1.25:1 up to 40 GHz
- 4 µin. Minimum contact plating

## Applications

General Purpose Test

- 50 Ohm
- Miter Right Angle Body Geometry
- Gold over Nickel Plated Beryllium Copper Contact

## Description

Ebeestock's ET11962 2.92mm female to 2.92mm female miter right angle 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. ET11962 2.92mm female to 2.92mm female adapter operates to 40 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 maximum. This miter right angle 2.92mm to 2.92mm adapter allows for easier connections in tight spaces.

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. Ebeestock 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 6.22 in [157.99 mm]
Height 5.9 in [149.86 mm]

| Description | Connector 1   | Connector 2   |  |
|-------------|---------------|---------------|--|
| Туре        | 2.92mm Female | 2.92mm Female |  |
| Polarity    | Standard      | Standard      |  |
|             |               |               |  |

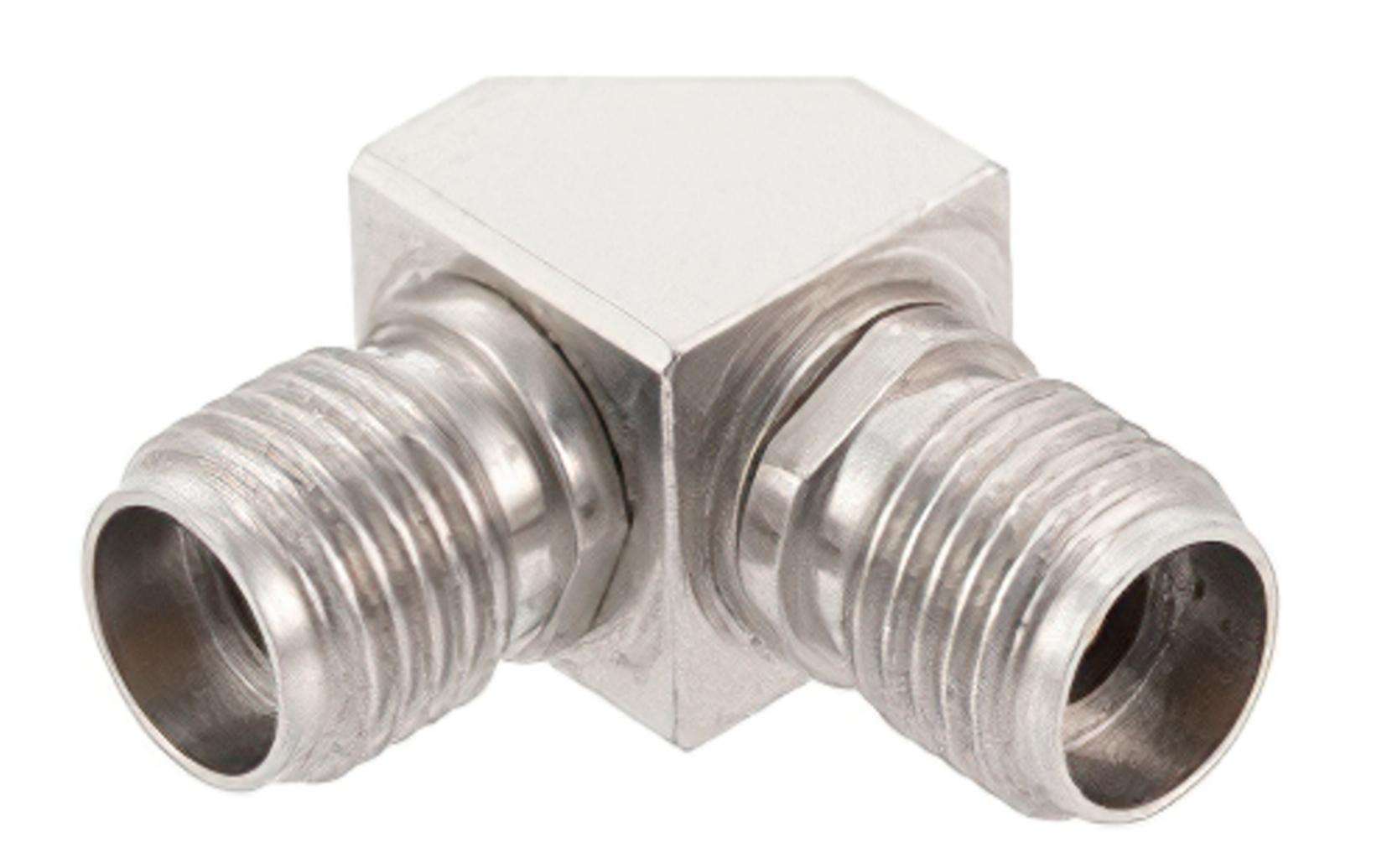
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2.92mm Female to 2.92mm Female Miter Right Angle Adapter ET11962

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### Material Specifications

|                | Connector 1                  |                  | Connector 2                |                  |  |
|----------------|------------------------------|------------------|----------------------------|------------------|--|
| Descriptio     | n Material                   | Plating          | Material                   | Plating          |  |
| Туре           | 2.92mm Female                |                  | 2.92mm Female              |                  |  |
| Contact        | Beryllium Copper             | Gold over Nickel | Beryllium Copper           | Gold over Nickel |  |
|                |                              | 4 μin. Minimum   |                            | 4 μin. Minimum   |  |
| Insulation     | Oxide-Noryl                  |                  | Oxide-Noryl                |                  |  |
| Outer Conducto | r 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 Miter Right Angle Adapter from Ebeestock 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 Miter Right Angle Adapter ET11962

**URL:** https://www.ebeestock.com/2-92mm-female-to-2-92mm-female-miter-right-angle-adapter-0011962

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. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

