

Precision 3.5mm Female to 7mm Adapter



# RF Adapters Technical Data Sheet

ET12107

### Configuration

- 3.5mm Female Connector 1
- 7mm Sexless Connector 2
- 50 Ohm

- Precision Design
- Straight Body Geometry

#### Features

- Max VSWR of 1.15:1 up to 18 GHz
- 4µ in. minimum contact plating

Gold over Nickel Plated Beryllium Copper Contact

## Applications

- Allows Connection Between Series
- General Purpose Test
- Precision Test & Measurement

### Description

Ebeestock's ET12107 3.5mm female to 7mm adapter is part of our full line of RF components available for same-day shipping. The 3.5mm connector mates mechanically with commercially available SMA and 2.92mm (K) connectors. Our 3.5mm to 7mm adapter has a female to sexless gender configuration built of durable stainless steel in a precision design. ET12107 3.5mm female to 7mm adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 maximum.

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		18	GHz
VSWR			1.15:1	

#### Mechanical Specifications

Size

Length 1.527 in [38.79 mm] Width 0.87 in [22.1 mm]

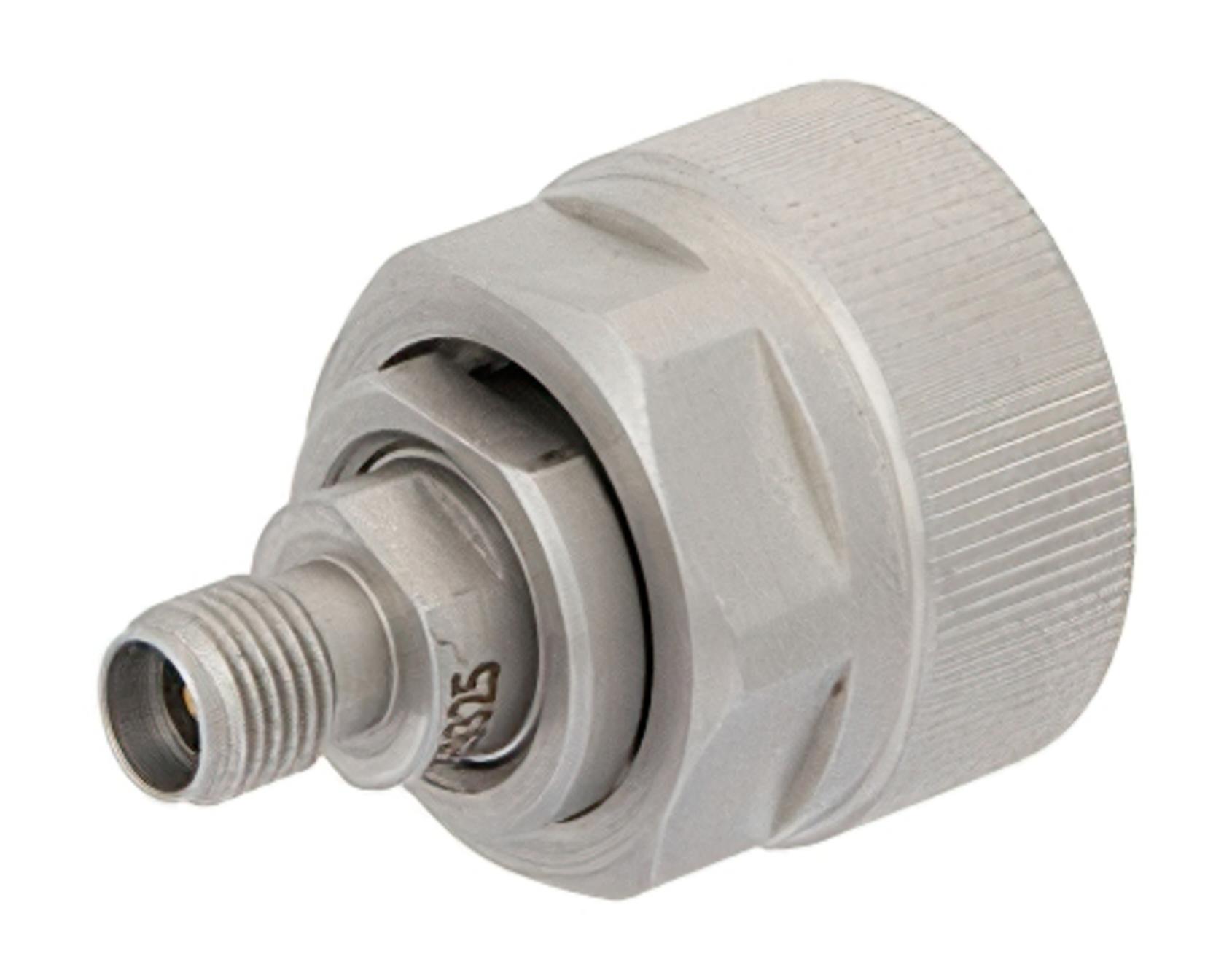
Description	Connector 1	Connector 2	
Type	3.5mm Female	7mm Sexless	
Polarity	Standard	Standard	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision 3.5mm Female to 7mm Adapter ET12107

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



Precision 3.5mm Female to 7mm Adapter



# RF Adapters Technical Data Sheet

ET12107

#### Material Specifications

Connector 1		Connec	tor 2	
Material	Plating	Material	Plating	
3.5mm Female		7mm Sexless		
Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel	
	4μ in. minimum		4μ in. minimum	
Oxide-Noryl		Oxide-Noryl		
Passivated Stainless Steel				
Passivated Stainless Steel		Passivated Stainless Steel		
		Passivated Stainless Steel		
	3.5mm Female Beryllium Copper  Oxide-Noryl Passivated Stainless Steel	3.5mm Female  Beryllium Copper Gold over Nickel  4µ in. minimum  Oxide-Noryl  Passivated Stainless Steel	3.5mm Female  Beryllium Copper  Gold over Nickel  Beryllium Copper  4µ in. minimum  Oxide-Noryl  Passivated Stainless Steel  Passivated Stainless Steel  Passivated Stainless Steel	

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

Precision 3.5mm Female to 7mm 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: Precision 3.5mm Female to 7mm Adapter ET12107

**URL:** https://www.ebeestock.com/precision-3-5mm-female-to-7mm-adapter-0012107

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.

