

1.85mm Female to 2.92mm Male Miter Right Angle Adapter



RF Adapters Technical Data Sheet

ET11881

Configuration

- 1.85mm Female Connector 1
- 2.92mm Male Connector 2

- 50 Ohm
- Miter Right Angle Body Geometry

Features

- Max VSWR of 1.25:1 up to 40 GHz
- 4µ in. minimum contact plating

Gold over Nickel Plated Beryllium Copper Contact

Applications

Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET11881 1.85mm female to 2.92mm male miter right angle adapter is part of our full line of RF components available for same-day shipping. The 1.85mm connector mates mechanically with commercially available 2.4mm connectors. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. Our 1.85mm to 2.92mm adapter has a female to male gender configuration built of durable stainless steel. ET11881 1.85mm female to 2.92mm male adapter operates to 40 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 maximum. This miter right angle 1.85mm 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
 0.705 in [17.91 mm]

 Width
 0.315 in [8 mm]

 Height
 0.653 in [16.59 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1.85mm Female to 2.92mm Male Miter Right Angle Adapter ET11881

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Connector 1	Connector 2
1.85mm Female	2.92mm Male
Standard	Standard
	5/16 Inch
	1.85mm Female

Material Specifications

	Connect	Connector 1		Connector 2		
Descriptio	n Material	Plating	Material	Plating		
Туре	1.85mm Female		2.92mm Male			
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel		
		4μ in. minimum		4μ in. minimum		
Insulation	Oxide-Noryl		Oxide-Noryl			
Outer Conducto	r Passivated Stainless Steel					
Body	Passivated Stainless Steel		Passivated Stainless Steel			
Coupling Nut			Passivated Stainless Steel			

Compliance Certifications (see product page for current document)

1.85mm Female to 2.92mm Male 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.

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URL: https://www.ebeestock.com/1-85mm-female-to-2-92mm-male-miter-right-angle-adapter-0011881

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