

## Miter RA 2.92mm Female to 3.5mm Female Adapter with Passivated Stainless Steel Body



### FMAD1223

#### Configuration

- 2.92mm Female Connector 1
- 3.5mm Female Connector 2
- 50 Ohm
- Miter Right Angle Body Geometry

#### Features

- VSWR of 1.25:1 max up to 34.5 GHz
- 4 μin. Minimum contact plating
- Gold over Nickel Plated Beryllium Copper Contact
- The design of the 3.5mm adapters enables operation to an extended frequency range of 34.5GHz

#### Applications

- Enables Between Series Connections
- General Purpose Test

#### Description

Miter RA 2.92mm female to 3.5mm female adapter part number FMAD1223 from Fairview Microwave is in-stock and ships same day. This Fairview 2.92mm to 3.5mm adapter has a female to female gender configuration and is built of durable stainless steel. FMAD1223 2.92mm female to 3.5mm female adapter operates to 34.5 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.25:1 maximum. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. This miter right angle 2.92mm to 3.5mm adapter allows for easier connections in tight spaces.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and 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. Fairview Microwave 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		34.5	GHz
Impedance		50 Ohm		
VSWR			1.25:1	

#### Mechanical Specifications

##### Size

Length	0.62 in [15.80 mm]
Width	0.22 in [5.49 mm]
Height	0.63 in [15.90 mm]
Weight	0.05 lbs [22.68 g]

Description	Connector 1	Connector 2
Type	2.92mm Female	3.5mm Female
Polarity	Standard	Standard

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**Material Specifications**

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	2.92mm Female		3.5mm 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)

Miter RA 2.92mm Female to 3.5mm Female Adapter with Passivated Stainless Steel Body from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Miter RA 2.92mm Female to 3.5mm Female Adapter with Passivated Stainless Steel Body FMAD1223](#)

URL: <https://www.fairviewmicrowave.com/miter-ra-2.92mm-female-3.5mm-female-adapter-fmad1223-p.aspx>

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# FMAD1223 CAD Drawing

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