

## Miter RA 1.85mm Female to 2.92mm Female Adapter with Passivated Stainless Steel Body

Miter RA 1.85mm female to 2.92mm female adapter part number FMAD1215 from Fairview Microwave is in-stock and ships same day. This Fairview 1.85mm to 2.92mm adapter has a female to female gender configuration and is built of durable stainless steel. FMAD1215 1.85mm female to 2.92mm female adapter operates to 40 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.25:1 maximum. 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. This miter right angle 1.85mm to 2.92mm 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	Min	Typ	Max	Units
Frequency Range	DC		40	GHz
VSWR			1.25:1	

### Mechanical Specifications

Size	
Length	0.620 in [15.8 mm]
Width	0.236 in [5.99 mm]
Height	0.653 in [16.59 mm]

Description	Connector 1	Connector 2
Type	1.85mm Female	2.92mm Female
Polarity	Standard	Standard

### Material Specifications

Description	Connector 1	Connector 2
Type	1.85mm Female	2.92mm Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold over Nickel	Gold over Nickel
Contact Plating Spec.	4μ in. minimum	4μ in. minimum
Insulation Material	Oxide-Noryl	Oxide-Noryl
Outer Contact Material	Passivated Stainless Steel	Passivated Stainless Steel
Body Material	Passivated Stainless Steel	Passivated Stainless Steel



### Configuration:

- 1.85mm Female Connector 1
- 2.92mm Female Connector 2
- 50 Ohm
- Miter Right Angle Body Geometry

### Features:

- VSWR of 1.25:1 max up to 40 GHz
- 4μ in. minimum contact plating
- Gold over Nickel Plated Beryllium Copper Contact

### Applications:

- Enables Between Series Connections
- General Purpose Test

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

**Plotted and Other Data**

Notes:

Miter RA 1.85mm Female to 2.92mm 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 1.85mm Female to 2.92mm Female Adapter with Passivated Stainless Steel Body FMAD1215](#)

URL: <https://www.fairviewmicrowave.com/miter-ra-1.85mm-female-2.92mm-female-adapter-fmad1215-p.aspx>

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