

3.5mm Female (Jack) to 1.85mm Female (Jack) Adapter with Stainless Steel Body



FMAD10036

Configuration

- 3.5mm Female Connector 1
- 1.85mm Female Connector 2
- 50 Ohms Impedance
- Straight Body Geometry

Features

- VSWR of 1.25:1 max up to 34.5 GHz
- Gold over Nickel Plated Beryllium Copper Contact

Applications

- Enables Between Series Connections
- General Purpose Test

Description

3.5mm female to 1.85mm female adapter part number FMAD10036 from Fairview Microwave is in-stock and ships same day. This Fairview 3.5mm to 1.85mm adapter has a female to female gender configuration and is built of durable stainless steel. FMAD10036 3.5mm female to 1.85mm female adapter operates to 34.5 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.25:1 maximum. The 3.5mm connector mates mechanically with commercially available SMA and 2.92mm (K) connectors. The 1.85mm connector mates mechanically with commercially available 2.4mm connectors.

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		Ohms
VSWR			1.25:1	

Mechanical Specifications

Size

Length	0.84 in [21.34 mm]
Width	0.31 in [7.87 mm]
Height	0.31 in [7.87 mm]
Weight	0.02 lbs [6.80 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	3.5mm Female		1.85mm Female	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
Insulation	PPO		PPO	
Body	Stainless Steel	Passivated Stainless Steel	Stainless Steel	Passivated Stainless Steel

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

3.5mm Female (Jack) to 1.85mm Female (Jack) Adapter with 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: [3.5mm Female \(Jack\) to 1.85mm Female \(Jack\) Adapter with Stainless Steel Body FMAD10036](#)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/3.5mm-female-to-1.85mm-female-adapter-with-stainless-steel-body-fmad10036.html>

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FMAD10036 CAD Drawing

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