

## 1.85mm Female (Jack) to 1.85mm Female (Jack) Adapter, 45 Degree Angle, 67GHz, VSWR 1.35



### FMAD1586

#### Configuration

- 1.85mm Female Connector 1
- 1.85mm Female Connector 2
- 50 Ohm
- 45 Degree Body Geometry

#### Features

- VSWR of 1.35:1 max up to 67 GHz
- Gold over Nickel Plated Beryllium Copper Contact

#### Applications

- General Purpose Test

#### Description

1.85 mm adapter FMAD1586 from Fairview Microwave is part of a very large selection of in-stock interconnect RF components. Our 1.85 mm to 1.85 mm adapter is a coaxial adapter design with a 50 Ohm impedance. This 50 Ohm 1.85 mm adapter is manufactured to precise RF adapter specifications and has a maximum VSWR of 1.350.

Our in-series connection type RF adapter, which operates to 67 GHz makes connections in tight spaces easier. This passivated stainless steel RF adapter can be used to make connections between two connector types that would not otherwise mate. This 1.85 mm adapter contains beryllium copper contacts with gold over nickel contact plating.

This 1.85 mm to 1.85 mm adapter is constructed with female gender on side 1 and female on side 2. FMAD1586 1.85 mm female to 1.85 mm female coaxial adapter from Fairview has a 45-degree angled body ideal for routing RF/Microwave signals in tight spaces . Additionally, RF adapters can be utilized to protect connectors on expensive equipment where the number of connect and disconnect cycles is high.

Fairview 1.85 mm female to 1.85 mm female adapter is part of over one million RF microwave and millimeter wave components in stock. 45-degree angle RF 1.85 mm adapter is ready for same day purchase and shipping worldwide. We also stock and/or custom build 1.85 mm coaxial cables that ship quickly from our facility for all your RF adapter component needs.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		67	GHz
Impedance		50 Ohm		
VSWR			1.35:1	
Insertion Loss			0.573	dB

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 4	4 to 8	8 to 15	15 to 35	35 to 67	GHz
Insertion Loss, Max	0.14	0.198	0.271	0.414	0.573	dB

#### Mechanical Specifications

##### Size

Length	0.87 in [22.10 mm]
Width	0.31 in [7.87 mm]
Height	0.52 in [13.21 mm]

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**FMAD1586**

Weight	0.03 lbs [13.61 g]	
Description	Connector 1	Connector 2
Type	1.85mm Female	1.85mm Female
Polarity	Standard	Standard

**Material Specifications**

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

**Environmental Specifications**

**Temperature**

Operating Range

-55 to 105 °C

Humidity

MIL-STD-202, Method 206

Thermal Shock

MIL-STD-202, Method 107, Condition B

Salt Spray

MIL-STD-202, Method 101, Condition B

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

**Plotted and Other Data**

1.85mm Female (Jack) to 1.85mm Female (Jack) Adapter, 45 Degree Angle, 67GHz, VSWR 1.35 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: [1.85mm Female \(Jack\) to 1.85mm Female \(Jack\) Adapter, 45 Degree Angle, 67GHz, VSWR 1.35 FMAD1586](#)

URL: <https://www.fairviewmicrowave.com/angle-undefined-1.85mm-female-to-1.85mm-female-adapter-mil-std-202-method-206-with-passivated-stainless-steel-body-fmad1586-p.aspx>

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