

## 1.85mm Female Connector Field Replaceable Attachment 2 Hole Flange 0.009 inch Pin, .355 inch Hole Spacing with Metal Contact Ring

1.85mm female 2 hole flange mount field replaceable connector with EMI gasket, part number FMCN1682, from Fairview Microwave is in-stock and ships same day. This 1.85mm female connector operates up to a maximum frequency of 67 GHz and offers excellent VSWR of 1.25:1. Fairview's FMCN1682 2 hole flange 1.85mm connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications. Fairview's field replaceable connector is easy to install or replace in the field.

Fairview's 1.85mm female 2 hole flange connector FMCN1682 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		67	GHz
VSWR			1.25:1	

### Mechanical Specifications

#### Size

Length	0.443 in [11.25 mm]
Width/Dia.	0.275 in [6.99 mm]
Height	0.5 in [12.7 mm]
Weight	0.6 lbs [272.16 g]
Mating Cycles	500 Cycles

#### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PEI	
Outer Conductor	Passivated Stainless Steel	
Body	Passivated Stainless Steel	

### Environmental Specifications

#### Temperature

Operating Range -40 to +165 deg C

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

### Plotted and Other Data

Notes:



### Configuration:

- 1.85mm Female Connector
- Straight Body Geometry
- 0.009 inch Pin Interface Type
- Field Replaceable Attachment
- 2 Hole Flange

### Features:

- Operating Frequency of 67 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact
- Metal Contact Ring

### Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Used in Product Requiring Hermetic Seals
- Allows for Replacement of Damaged Connectors

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1.85mm Female Connector Field Replaceable Attachment 2 Hole Flange 0.009 inch Pin, .355 inch Hole Spacing with Metal Contact Ring 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 Connector Field Replaceable Attachment 2 Hole Flange 0.009 inch Pin, .355 inch Hole Spacing with Metal Contact Ring FMCN1682](#)

URL: <https://www.fairviewmicrowave.com/1.85mm-female-0.009-pin-connector-fmcn1682-p.aspx>

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