

## RF Connector, SMPS Female (Jack) Right Angle Connector for 047 cable Solder

RA SMPS Female Standard Push-on Connector Solder Attachment, part number FMCN45894, from Fairview Microwave is in-stock and ships same day. This SMPS female connector operates up to a maximum frequency of 40 GHz. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA SMPS female connector FMCN45894 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		40	GHz
VSWR		1.35:1		
Insertion Loss			0.76	dB

### Mechanical Specifications

Size	
Length	0.215 in [5.46 mm]
Width/Dia.	0.104 in [2.64 mm]
Height	0.17 in [4.32 mm]
Weight	0.00055 lbs [0.25 g]

### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum gold
Insulation	PTFE	
Outer Conductor	Beryllium Copper	Gold 50 µin minimum
Body	Beryllium Copper	Gold 30 µin minimum

### Environmental Specifications

Temperature	
Operating Range	-55 to +165 deg C
Humidity	MIL-STD-202, Method 106, Less Step 7B
Shock	MIL-STD-202, Method 213, Condition I
Vibration	MIL-STD-202, Method 204, Condition D



### Configuration:

- Push-on SMPS Female Connector
- 50 Ohms
- Right Angle Body Geometry
- Solder Attachment

### Features:

- Operating Frequency of 40 GHz Max.
- Gold Plated Beryllium Copper Contact
- 50 µin minimum gold contact plating

### Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave  
 301 Leora Ln., Suite 100  
 Lewisville, TX 75056  
 Tel: 1-800-715-4396 / (972) 649-6678  
 Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

Thermal Shock

MIL-STD-202, Method 107, Condition B

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

**Plotted and Other Data**

Notes:

RF Connector, SMPS Female (Jack) Right Angle Connector for 047 cable Solder 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: [RF Connector, SMPS Female \(Jack\) Right Angle Connector for 047 cable Solder FMCN45894](#)

URL: <https://www.fairviewmicrowave.com/smps-female-push-on-connector-fmcn45894-p.aspx>

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