

RF Connector, SMPS Female (Jack) for 047 Cable Solder

SMPS Female Standard Push-on Connector Solder Attachment, part number FMCN45893, from Fairview Microwave is in-stock and ships same day. This SMPS female connector operates up to a maximum frequency of 40 GHz and offers good VSWR of 1.35:1.

Fairview's SMPS female connector FMCN45893 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			0.63	dB

Mechanical Specifications

Size

Length	0.238 in [6.05 mm]
Width/Dia.	0.101 in [2.57 mm]
Height	0.101 in [2.57 mm]
Weight	0.00044 lbs [0.2 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum
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
- Straight Body Geometry
- Solder Attachment

Features:

- Operating Frequency of 40 GHz Max.
- Good VSWR of 1.35:1
- Gold Plated Beryllium Copper Contact
- 50 µin minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

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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) 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 \(Jack\) for 047 Cable Solder FMCN45893](#)

URL: <https://www.fairviewmicrowave.com/smps-female-push-on-connector-fmcn45893-p.aspx>

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