

SMA Female Connector Solder Attachment for FM-SR047CU-COIL, FM-SR047ALTN-COIL, FM-SR047TB Cable

FMCN45906 SMA female coax connector has an interface type of SMA female which is compatible with FM-SR047CU-COIL, FM-SR047ALTN-COIL and FM-SR047TB cables and has a 50 Ohms impedance. Fairview Microwave's SMA female connector uses solder/solder as an attachment method. Our female SMA coax connector operates at a minimum frequency of DC and a maximum frequency of 18000 MHz.

The Fairview Microwave SMA female coax connector has a PTFE dielectric type. Fairview Microwave's SMA coax connector has a brass body with gold plating. Our FMCN45906 SMA connector uses beryllium copper contact. This threaded RF connector can operate at temperatures ranging from -65 to +165 degrees C. Additional RF connector specs and dimensions for this component can be found on its PDF specification datasheet and CAD drawings above.

This SMA female RF connector with coax termination and 50 Ohm impedance is designed to be used with FM-SR047CU-COIL, FM-SR047ALTN-COIL and FM-SR047TB cables. Our high-quality FMCN45906 connector features a MIL-G-45204 body plating specification. This SMA connector has a gold inner contact plating. Fairview Microwave's SMA female connector has a maximum operating voltage of 335 Vrms.

This Fairview Microwave female SMA connector will ship the same business day as purchased. Our SMA female connector is part of over 40,000 RF, microwave, and millimeter wave components in stock for worldwide shipment. For further information on similar products, our expert technical support and trained sales team can get you the ideal RF connector as per your requirements.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
Operating Voltage (AC)			335	Vrms
DWV (AC)			1,000	Vrms

Mechanical Specifications

Size	
Length	0.46 in [11.68 mm]
Width/Dia.	0.08 in [2.03 mm]
Height	0.08 in [2.03 mm]
Weight	0.0065 lbs [2.95 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204



Configuration:

- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- FM-SR047CU-COIL, FM-SR047ALTN-COIL, FM-SR047TB Interface Type
- Solder/Solder Attachment

Features:

- Operating Frequency of 18 GHz Max.
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

Applications:

- General Purpose Test
- Custom Cable Assemblies

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Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

SMA Female Connector Solder Attachment for FM-SR047CU-COIL, FM-SR047ALTN-COIL, FM-SR047TB Cable 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: [SMA Female Connector Solder Attachment for FM-SR047CU-COIL, FM-SR047ALTN-COIL, FM-SR047TB Cable FMCN45906](#)

URL: <https://www.fairviewmicrowave.com/sma-female-fm-sr047cu-coil-fm-sr047altn-coil-fm-sr047tb-connector-fmcn45906-p.aspx>

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