

SMC24-047M DATA SHEET

2.4mm Male (Plug) Connector For .047 SR Cable, Solder

2.4mm male connector with solder/solder attachment for .047 SR, part number SMC24-047M, from Fairview Microwave is in-stock and ships same day. This 2.4mm male connector operates up to a maximum frequency of 50 GHz and offers good VSWR of 1.3:1.

Fairview's 2.4mm male connector SMC24-047M 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	Тур	Max	Units
Frequency Range	DC		50	GHz
VSWR			1.3:1	

Electrical Specification Notes: Values at +25°C, sea level.

Insertion loss: 0.05 x sqrt(fGHz) dB.

Mechanical Specifications

Size

 Size

 Length
 0.53 in [13.46 mm]

 Weight
 0.0105 lbs [4.76 g]

 Mating Cycles
 500 Cycles

Material Specifications

Description	Material	Plating	
Contact	Beryllium Copper	Gold MIL-G-45204	
Insulation	Oxide-Noryl		
Body	Passivated Stainless Steel		

Environmental Specifications Temperature

Operating Range Vibration

-55 to +100 deg C MIL-STD-202, Method 204, Condition D (20 G's)



Configuration:

- 2.4mm Male Connector
- 50 Ohms
- Straight Body Geometry
- .047 SR Interface Type
- Solder/Solder Attachment
- 5/16 inch Hex

Features:

- Operating Frequency of 50 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

Applications:

- General Purpose Test
- Custom Cable Assemblies

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Salt Spray

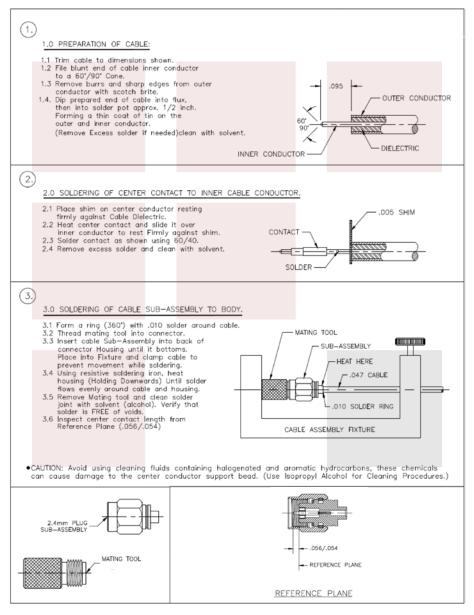
MIL-STD-202, Method 101, Condition B, 5% Salt Solution

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Assembly Instruction







2.4mm Male (Plug) Connector For .047 SR 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: 2.4mm Male (Plug) Connector For .047 SR Cable, Solder SMC24-047M

URL: https://www.fairviewmicrowave.com/2.4mm-male-standard-.047-sr-connector-smc24-047m-p.aspx







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