

SMA Male to SMP Male Full Detent Adapter

SMA male to SMP male full detent adapter part number FMAD1010 from Fairview Microwave is in-stock and ships same day. This Fairview SMA to SMP adapter has a male to male gender configuration and is built of durable stainless steel. FMAD1010 SMA male to SMP male adapter operates to 18 GHz. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. The Fairview Microwave RF adapter provides excellent VSWR of 1.25:1 maximum.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and disconnect cycles is high. An RF, microwave, or millimeter wave adapter is connected to the equipment and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Fairview Microwave also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

| Description | Min | Typ | Max | Units |
|------------------------|-----|-----|--------|-------|
| Frequency Range | DC | | 18 | GHz |
| VSWR | | | 1.25:1 | |
| Operating Voltage (AC) | | | 335 | Vrms |
| DWV (AC) | | | 500 | Vrms |

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

Mechanical Specifications

| Size | |
|--------|--------------------|
| Length | 0.94 in [23.88 mm] |
| Width | 0.31 in [7.87 mm] |
| Height | 0.35 in [8.89 mm] |
| Weight | 0.0141 lbs [6.4 g] |

| Description | Connector 1 | Connector 2 |
|-------------------------|-------------------------------------|--------------|
| Type | SMA Male | SMP Male |
| Connection Method | | Full Detent |
| Polarity | Standard | Standard |
| Interface Specification | MIL-STD-348A | MIL-STD-348A |
| Hex Size | 8 mm | |
| Mating Torque | 8 to 10 in-lbs [0.90 to 1.13 Nm] | |



Configuration:

- SMA Male Connector 1
- Full Detent SMP Male Connector 2
- 50 Ohms
- Straight Body Geometry

Features:

- VSWR of 1.25:1 max up to 18 GHz
- SMA interface meets MIL-STD-348A
- SMP interface meets MIL-STD-348A
- 0.3 μm minimum contact plating
- Gold Plated Beryllium Copper Contact

Applications:

- Enables Between Series Connections
- General Purpose Test

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Material Specifications

| Description | Connector 1 | Connector 2 |
|-----------------------|----------------------------|----------------------------|
| Type | SMA Male | SMP Male |
| Contact Material | Beryllium Copper | Beryllium Copper |
| Contact Plating | Gold | Gold |
| Contact Plating Spec. | 0.3 µm minimum | 0.3 µm minimum |
| Insulation Material | PTFE | PTFE |
| Body Material | Passivated Stainless Steel | Passivated Stainless Steel |
| Coupling Nut Material | Passivated Stainless Steel | |

Environmental Specifications

Temperature

Operating Range

-45 to +120 deg C

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

Plotted and Other Data

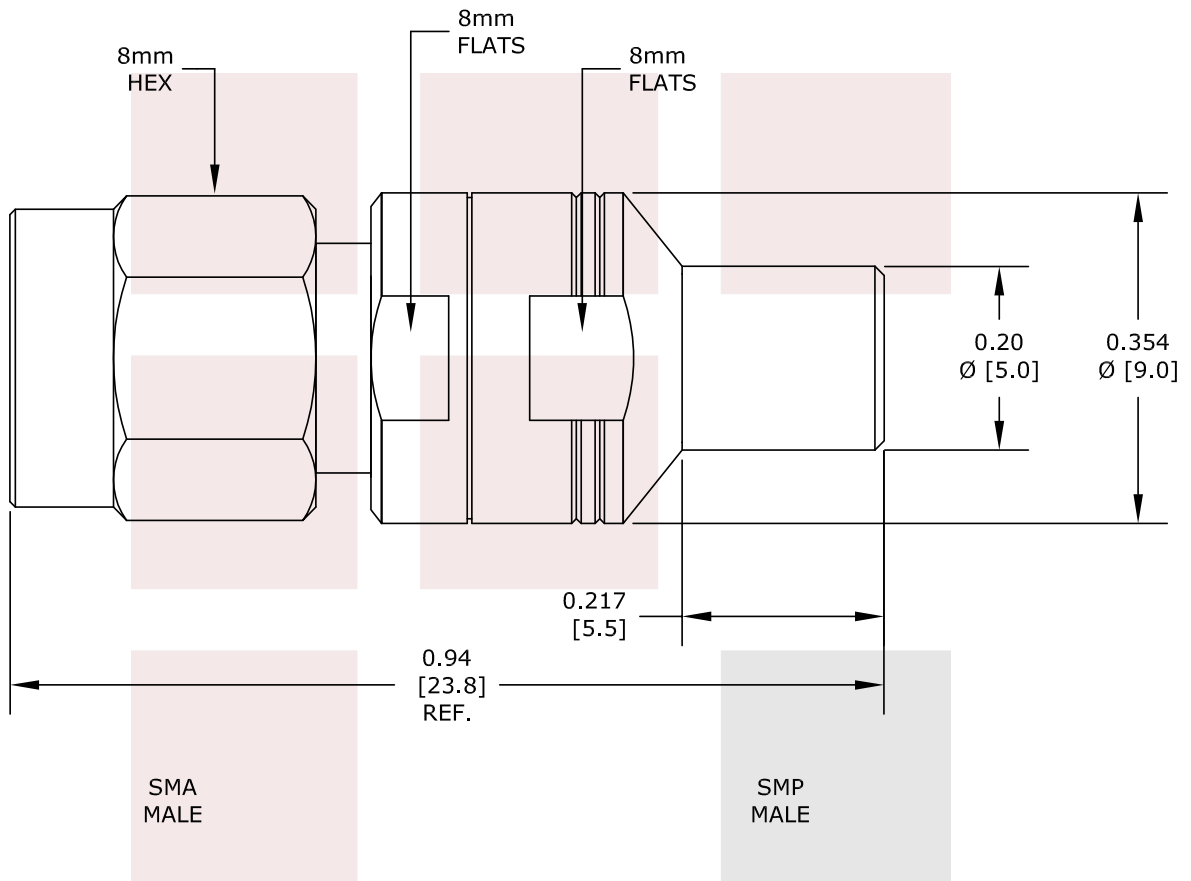
Notes:

SMA Male to SMP Male Full Detent Adapter 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Male to SMP Male Full Detent Adapter FMAD1010](#)

URL: <https://www.fairviewmicrowave.com/sma-male-smp-male-full-detent-adapter-fmad1010-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



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|---|--|---|-----------|--------------------|-----|
| FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM | | NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm]. | | | |
| TITLE SMA Male to SMP Male Full Detent Adapter | | DWG NO FMAD1010 | | CAGE CODE 3FKR5 | |
| CAD FILE 100814 | | SHEET | SCALE N/A | SIZE A | 150 |