

Snap-On QMA Male to SMA Male Adapter

Snap-on QMA male to SMA male adapter part number FMAD1053 from Fairview Microwave is in-stock and ships same day. This Fairview QMA to SMA adapter has a male to male gender configuration. FMAD1053 QMA male to SMA male adapter operates to 6 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.18:1 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 | | 6 | GHz |
| VSWR | | | 1.18:1 | |
| Insertion Loss | | | 0.17 | dB |
| Operating Voltage (AC) | | | 500 | Vrms |
| DWV (AC) | | | 1,000 | Vrms |
| Insulation Resistance | 5,000 | | | MOhms |
| RF Leakage | | | 70 | dB |

Mechanical Specifications

| Size | |
|--------|--------------------|
| Length | 1.05 in [26.67 mm] |
| Width | 0.41 in [10.41 mm] |
| Weight | 0.04 lbs [18.14 g] |

| Description | Connector 1 | Connector 2 |
|--------------------------------------|-----------------------|-----------------------|
| Type | QMA Male | SMA Male |
| Connection Method | Snap-On | |
| Polarity | Standard | Standard |
| Mating Cycles | 100 | 100 |
| Contact Captivation Axial Force, Min | 6.07 lbs [2.75 Kg] | 6.07 lbs [2.75 Kg] |
| Contact Captivation Torque, Min | 0.63 in-lbs [0.07 Nm] | 0.63 in-lbs [0.07 Nm] |



Configuration:

- Snap-On QMA Male Connector 1
- SMA Male Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- VSWR of 1.18:1 max up to 6 GHz
- 51µ in. minimum contact plating
- Gold Plated Brass Contact
- Operates to 6 GHz
- Snap-On Quick Locking Connection
- Snap-On on feature allows reduced connector spacing
- 100 mating cycles typical
- Capable of 360 degree rotation reducing strain

Applications:

- Enables Between Series Connections
- General Purpose Test
- Telecom system including DAS
- Equipment rack applications
- High connection density systems

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Material Specifications

| Description | Connector 1 | Connector 2 |
|-----------------------|-----------------|-----------------|
| Type | QMA Male | SMA Male |
| Contact Material | Brass | Brass |
| Contact Plating | Gold | Gold |
| Contact Plating Spec. | 51µ in. minimum | 51µ in. minimum |
| Insulation Material | PTFE | PTFE |
| Body Material | Brass | Brass |
| Body Plating | Tri-Metal | Tri-Metal |
| Coupling Nut Material | Brass | Brass |
| Coupling Nut Plating | Tri-Metal | Tri-Metal |

Environmental Specifications

Temperature

Operating Range
 Hermetic Seal

+80 to -40 deg C
 ATM. Cm3/s

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

Plotted and Other Data

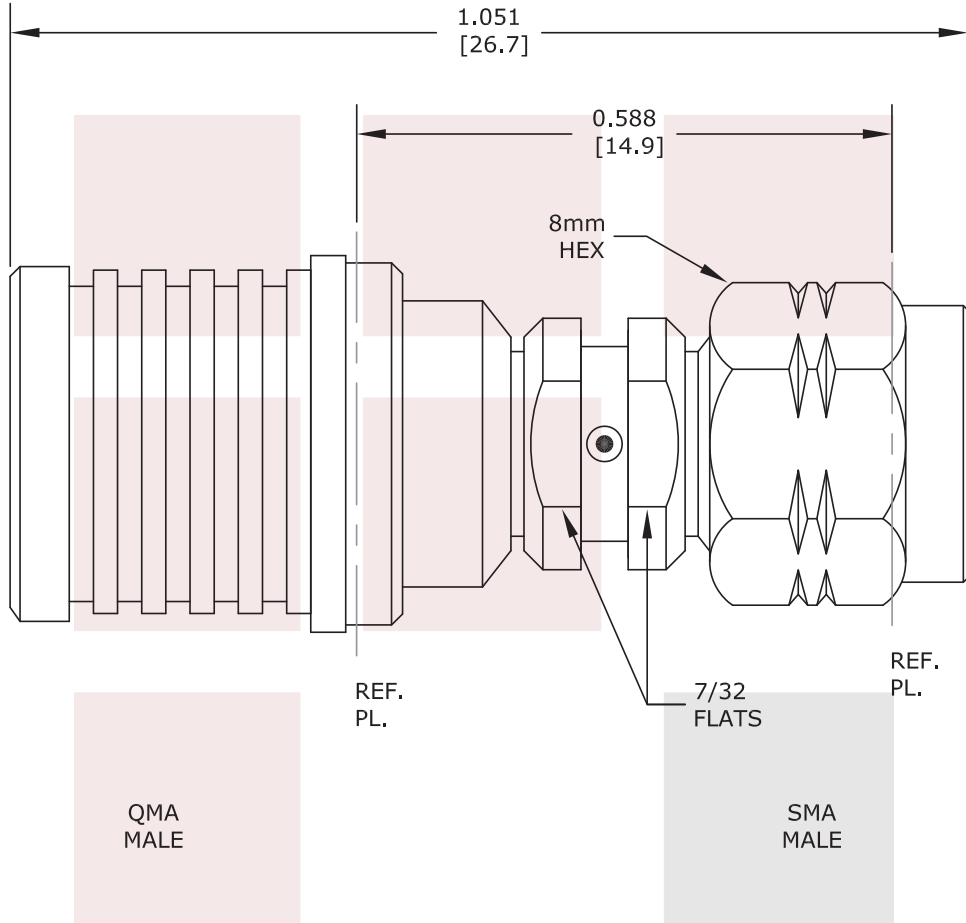
Notes:

Snap-On QMA Male to SMA Male 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: [Snap-On QMA Male to SMA Male Adapter FMAD1053](#)

URL: <https://www.fairviewmicrowave.com/snap-on-qma-male-sma-male-adapter-fmad1053-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 Snap-On QMA Male to SMA Male Adapter | | DWG NO FMAD1053 | | CAGE CODE 3FKR5 | |
| CAD FILE | 050916 | SHEET | SCALE | N/A | SIZE A 2233 |