

## Snap-On QMA Male to QMA Female Snap-On Adapter

Snap-on QMA male to QMA female snap-on adapter part number FMAD1051 from Fairview Microwave is in-stock and ships same day. This Fairview QMA to QMA adapter has a male to female gender configuration. FMAD1051 QMA male to QMA female adapter operates to 6 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.12:1 maximum. Our QMA to QMA RF adapter can also be used as a connector saver to extend equipment life.

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			1.12:1	
Insertion Loss			0.12	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	0.0158 lbs [7.17 g]

Description	Connector 1	Connector 2
Type	QMA Male	QMA Female
Connection Method	Snap-On	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
- Snap-On QMA Female Connector 2
- 50 Ohm
- Straight Body Geometry

### Features:

- VSWR of 1.12:1 max up to 6 GHz
- 51µ in. minimum contact plating
- Gold Plated Beryllium Copper 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:

- Connector Saver
- 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	QMA Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Contact Plating Spec.	51µ in. minimum	51µ in. minimum
Insulation Material	PTFE	PTFE
Outer Contact Material		Brass
Outer Contact Plating		Tri-Metal
Body Material	Brass	Brass
Body Plating	Tri-Metal	Tri-Metal
Coupling Nut Material	Brass	
Coupling Nut Plating	Tri-Metal	

**Environmental Specifications**

**Temperature**

Operating Range +105 to -40 deg C  
 Hermetic Seal ATM. Cm3/s

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

**Plotted and Other Data**

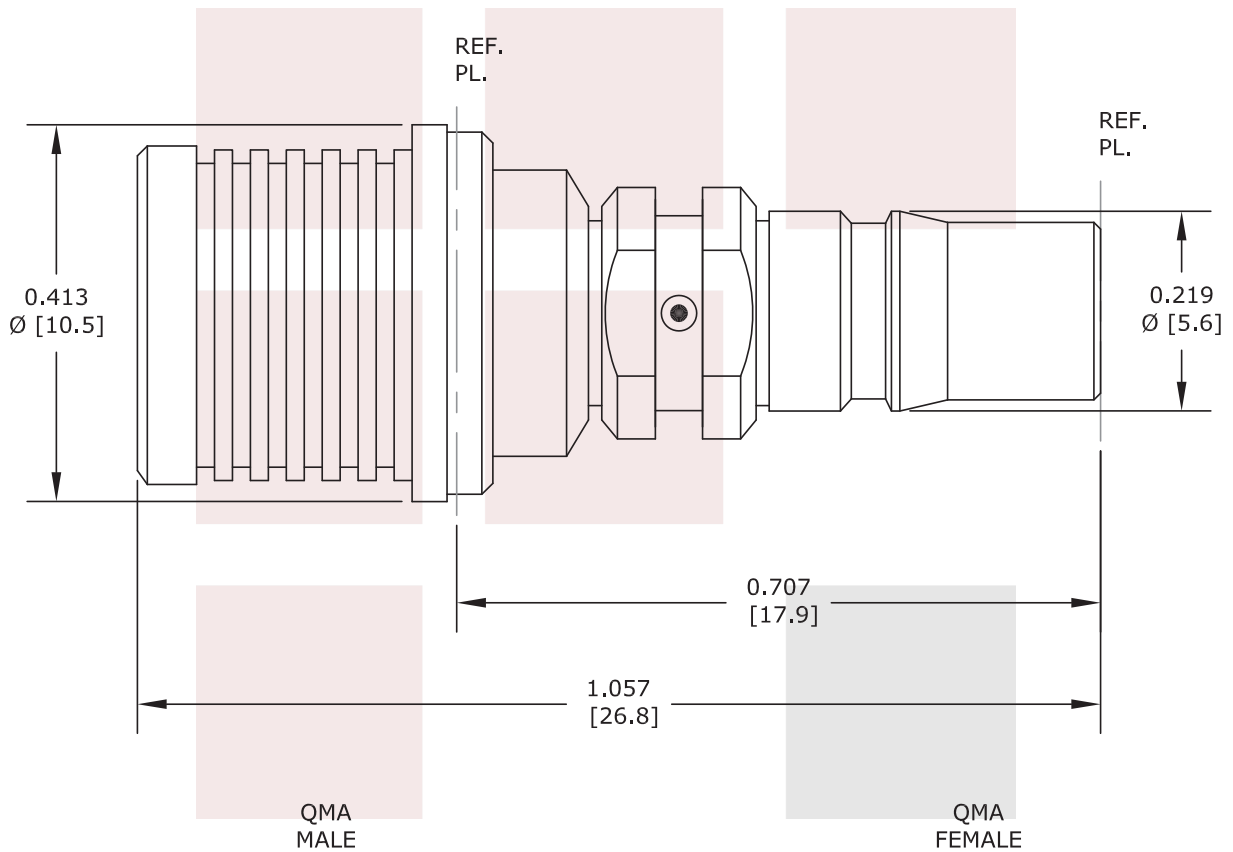
Notes:

Snap-On QMA Male to QMA Female Snap-On 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 QMA Female Snap-On Adapter FMAD1051](#)

URL: <https://www.fairviewmicrowave.com/snap-on-qma-male-qma-female-snap-on-adapter-fmad1051-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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TITLE Snap-On QMA Male to QMA Female Snap-On Adapter		DWG NO FMAD1051		CAGE CODE 3FKR5	
CAD FILE	060616	SHEET	SCALE	N/A	SIZE A 2233