

## SMA Female Connector Crimp/Solder Attachment For RG58 Cable

SMA female connector with crimp/solder attachment for RG58, part number FMCN1377, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 12.4 GHz and offers good VSWR of 1.28:1.

Fairview's SMA female connector FMCN1377 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	Typ	Max	Units
Frequency Range	Error on F1=NULL		Error on F1=NULL	
VSWR			1.28:1	
Operating Voltage (AC)			500	Vrms

### Mechanical Specifications

Size	
Length	0.893 in [22.68 mm]
Width/Dia.	0.25 in [6.35 mm]

### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50μ in. minimum
Insulation	PTFE	
Body	Brass	Nickel 100μ in. minimum

### Environmental Specifications

Temperature	
Operating Range	-65 to +165 deg C

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

### Plotted and Other Data

Notes:



### Configuration:

- SMA Female Connector
- 50 Ohms
- Straight Body Geometry
- RG58 Interface Type
- Crimp/Solder Attachment

### Features:

- Operating Frequency of 12.4 GHz Max.
- Good VSWR of 1.28:1
- Gold Plated Beryllium Copper Contact
- 50μ in. minimum contact plating

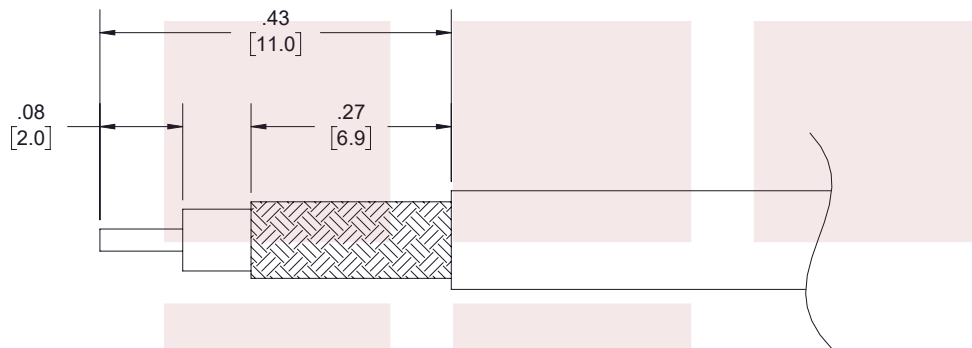
### Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave  
1130 Junction Dr. #100  
Allen, TX 75013  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

## Assembly Instruction

\*



### ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND SOLDER, REMOVE ANY EXCESS SOLDER.
3. FLARE BRAID AND INSERT CONTACT INTO THE BODY UNTIL IT SEATS.
4. SLIDE FERRULE OVER BRAID AND CRIMP WITH CRIMP TOOL.

### CRIMP SIZE REQUIRED

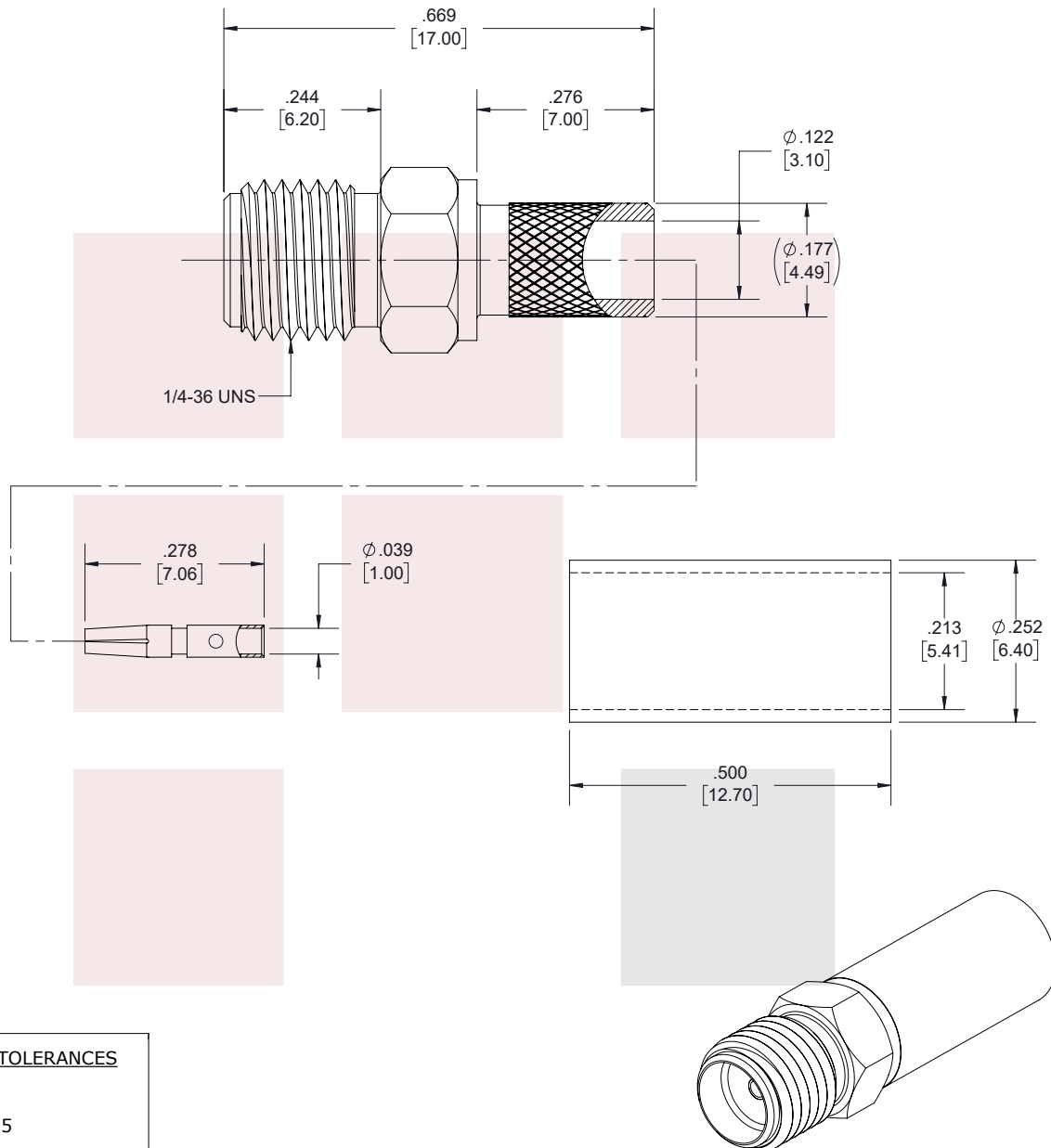
- CONTACT: SOLDER.
- FERRULE: .213" HEX CRIMP TOOL.

SMA Female Connector Crimp/Solder Attachment For RG58 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Female Connector Crimp/Solder Attachment For RG58 Cable FMCN1377](https://www.fairviewmicrowave.com/sma-female-rg58-connector-fmcn1377-p.aspx)

URL: <https://www.fairviewmicrowave.com/sma-female-rg58-connector-fmcn1377-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.



**STANDARD TOLERANCES**

.X	±0.2
.XX	±0.01
.XXX	±0.005

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES

**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 Female Connector Crimp/Solder Attachment For  
RG58 Cable

**DWG NO**

FMCN1377

**CAGE CODE**

3FKR5

**CAD FILE**

110917

**SHEET**

1 OF 1

**SCALE**

N/A

**SIZE**

A

7361