

SMA Male Connector Solder Attachment for RG405, FM-SR086ALTN, FM-SR086CUTN Cable

SMA male connector with solder/solder attachment for RG405, FM-SR086ALTN and FM-SR086CUTN, part number FMCN1413, from Fairview Microwave is in-stock and ships same day. This SMA male connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.35:1.

Fairview's SMA male connector FMCN1413 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	DC		18	GHz
VSWR			1.35:1	

Mechanical Specifications

Size	
Length	0.441 in [11.2 mm]
Width/Dia.	0.315 in [8.00 mm]
Weight	0.0065 lbs [2.95 g]
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel
Insulation	PTFE	
Body	Brass	Gold over Nickel
Coupling Nut	Passivated Stainless Steel	

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

Plotted and Other Data

Notes:



Configuration:

- SMA Male Connector
- 50 Ohms
- Straight Body Geometry
- RG405, FM-SR086ALTN, FM-SR086CUTN Interface Type
- Solder/Solder Attachment
- 5/16 inch Hex

Features:

- Operating Frequency of 18 GHz Max.
- Good VSWR of 1.35:1
- Gold over Nickel Plated Brass Contact

Applications:

- General Purpose Test
- Custom Cable Assemblies

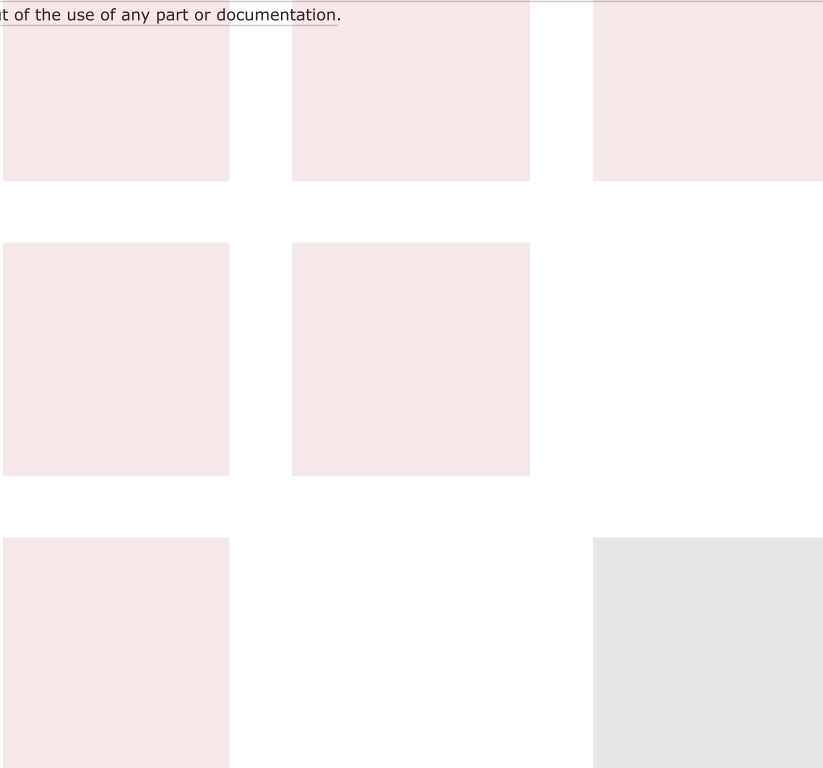
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SMA Male Connector Solder Attachment for RG405, FM-SR086ALTN, FM-SR086CUTN Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

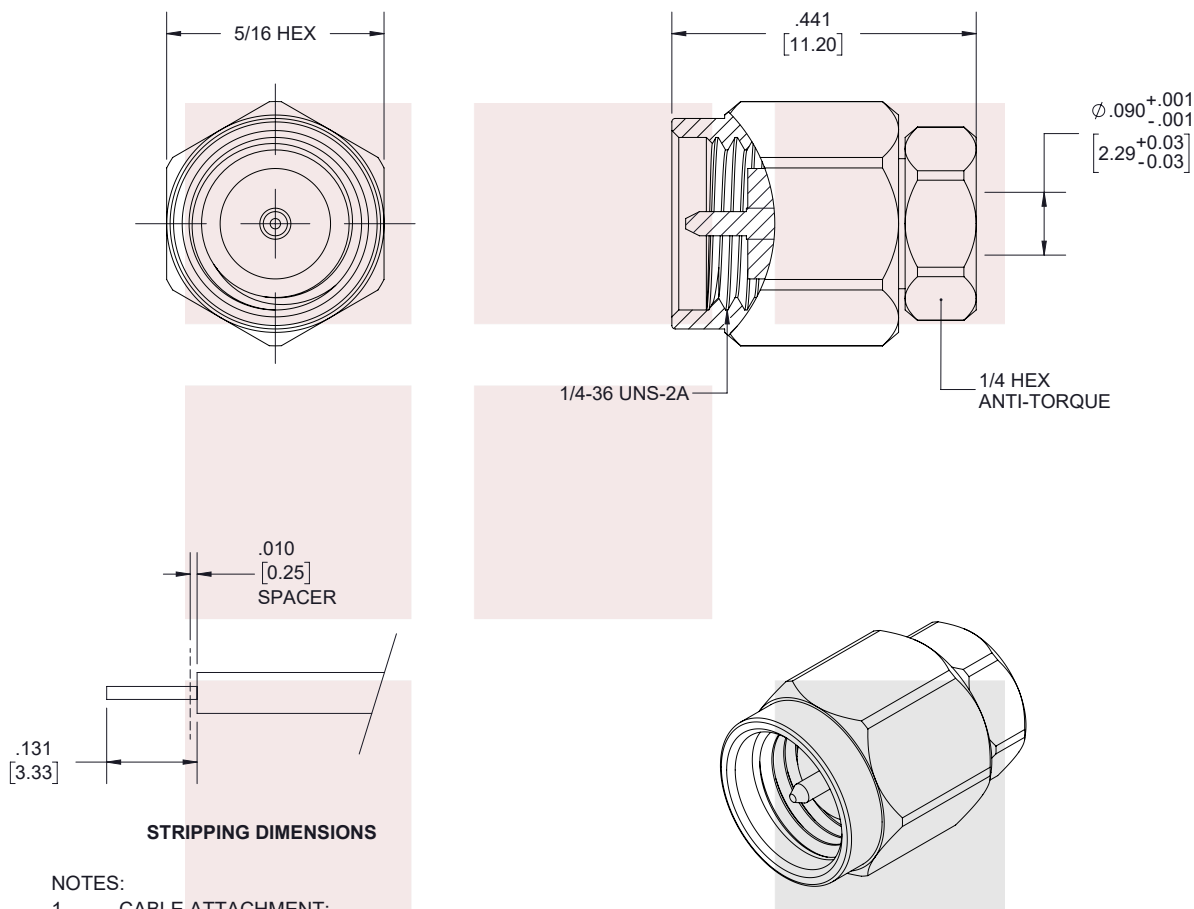
For additional information on this product, please click the following link: [SMA Male Connector Solder Attachment for RG405, FM-SR086ALTN, FM-SR086CUTN Cable FMCN1413](#)

URL: <https://www.fairviewmicrowave.com/sma-male-rg405-fm-sr086altm-fm-sr086cutn-connector-fmcn1413-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.



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR PE44690	12/31/2019	S.ELLIS



NOTES:

1. CABLE ATTACHMENT:
 - OUTER: SOLDER.
 - INNER: SOLDER.

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TITLE

SMA Male Connector Solder Attachment for RG405, FM-SR086ALTN, FM-SR086CUTN Cable

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ±.2	[.508]	FRACTIONS
.XX = ±.02	[.51]	± 1/32
.XXX = ±.005	[.13]	ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES.

$$\begin{aligned} L &\leq 12 [305] = +1 [25] / -0 \\ 12 [305] &< L \leq 60 [1524] = +2 [51] / -0 \\ 60 [1524] &< L \leq 120 [3048] = +4 [102] / -0 \\ 120 [3048] &< L \leq 300 [7620] = +6 [152] / -0 \\ 300 [7620] &< L \leq 600 [15240] = +12 [304] / -0 \end{aligned}$$

THIRD-ANGLE PROJECTION



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DESIGN IN THIS DOCUMENT
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SHEET 1 OF 1

SCALE

SCALE

N/A

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SIZE	A
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CAGE CODE	3FKI
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ITEM NO.	
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FMCN1413

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