

SSMA Female Connector Solder Attachment 4 Hole Flange for FM-SR086ALTN, FM-SR086TB, RG405, .232 inch Hole Spacing

SSMA female 4 hole flange mount connector with solder/solder attachment for FM-SR086ALTN, FM-SR086TB and RG405 (.232 inch hole spacing), part number FMCN1871, from Fairview Microwave is in-stock and ships same day. Fairview's FMCN1871 4 hole flange SSMA connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's SSMA female 4 hole flange connector FMCN1871 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.

Mechanical Specifications

Size	
Length	0.5 in [12.7 mm]
Width/Dia.	0.38 in [9.65 mm]
Height	0.38 in [9.65 mm]
Weight	0.005 lbs [2.27 g]

Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	Teflon	
Body	Stainless Steel	Gold MIL-G-45204

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:



Configuration:

- SSMA Female Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- FM-SR086ALTN, FM-SR086TB, RG405 Interface Type
- Solder/Solder Attachment
- 4 Hole Flange

Features:

- Gold Plated Contact
- Contact plating according to MIL-G-45204

Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

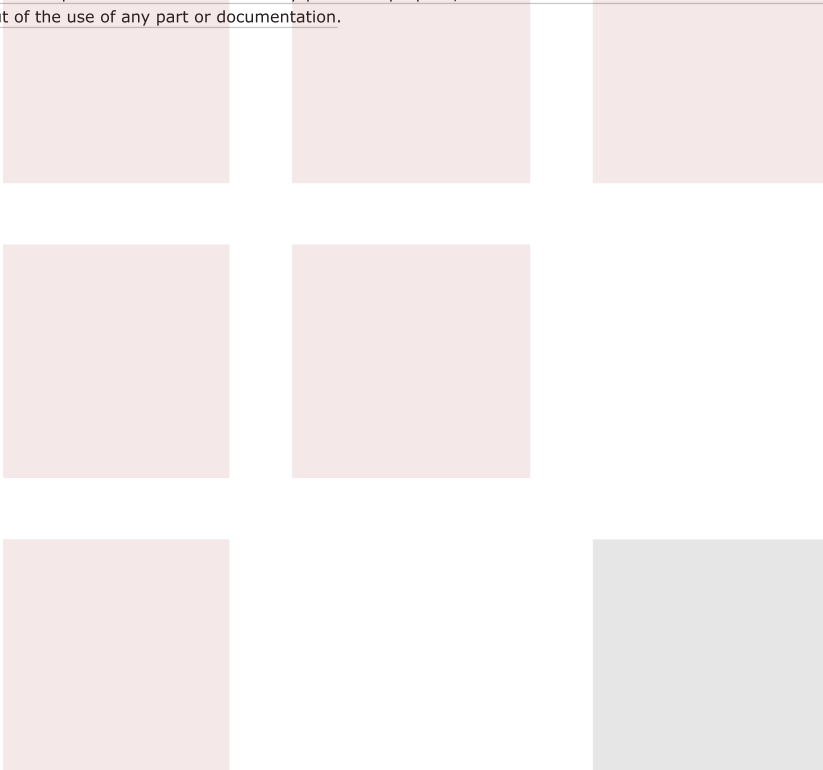
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SSMA Female Connector Solder Attachment 4 Hole Flange for FM-SR086ALTN, FM-SR086TB, RG405, .232 inch Hole Spacing from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from 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: [SSMA Female Connector Solder Attachment 4 Hole Flange for FM-SR086ALTN, FM-SR086TB, RG405, .232 inch Hole Spacing FMCN1871](#)

URL: <https://www.fairviewmicrowave.com/ssma-female-fm-sr086altn-fm-sr086tb-rg405-connector-fmcn1871-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.



SSMA Female Connector Solder Attachment 4 Hole Flange for FM-SR086ALTN, FM-SR086TB, RG405, .232 inch Hole Spacing

SMA Female Connector Solder/Non-Solder Contact Attachment For RG405, RG405 Tinned, .086 SR Cable

SMA female connector with solder/non-solder contact attachment for RG405, RG405 Tinned and .086 SR, part number SC3519A, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.25:1.

Fairview's SMA female connector SC3519A 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			1.25:1	
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size	
Length	0.5 in [12.7 mm]
Width/Dia.	0.276 in [7.01 mm]
Weight	0.007 lbs [3.18 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum
Insulation	PTFE	
Outer Conductor	Stainless Steel	Gold 3 µin minimum
Body	Stainless Steel	Gold 3 µin 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
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG405, RG405 Tinned, .086 SR Interface Type
- Solder/Non-Solder Contact Attachment

Features:

- Operating Frequency of 18 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact
- 50 µin minimum contact plating

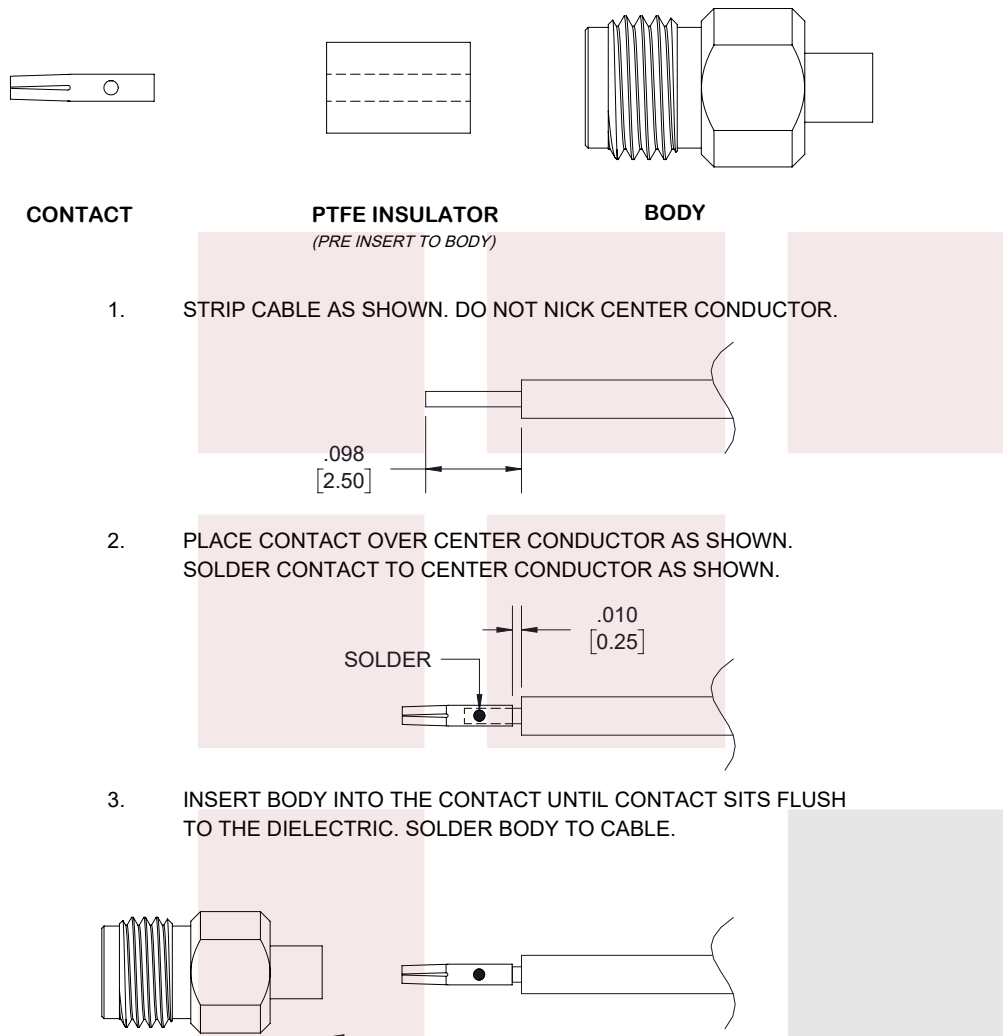
Applications:

- General Purpose Test
- Custom Cable Assemblies

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Assembly Instruction

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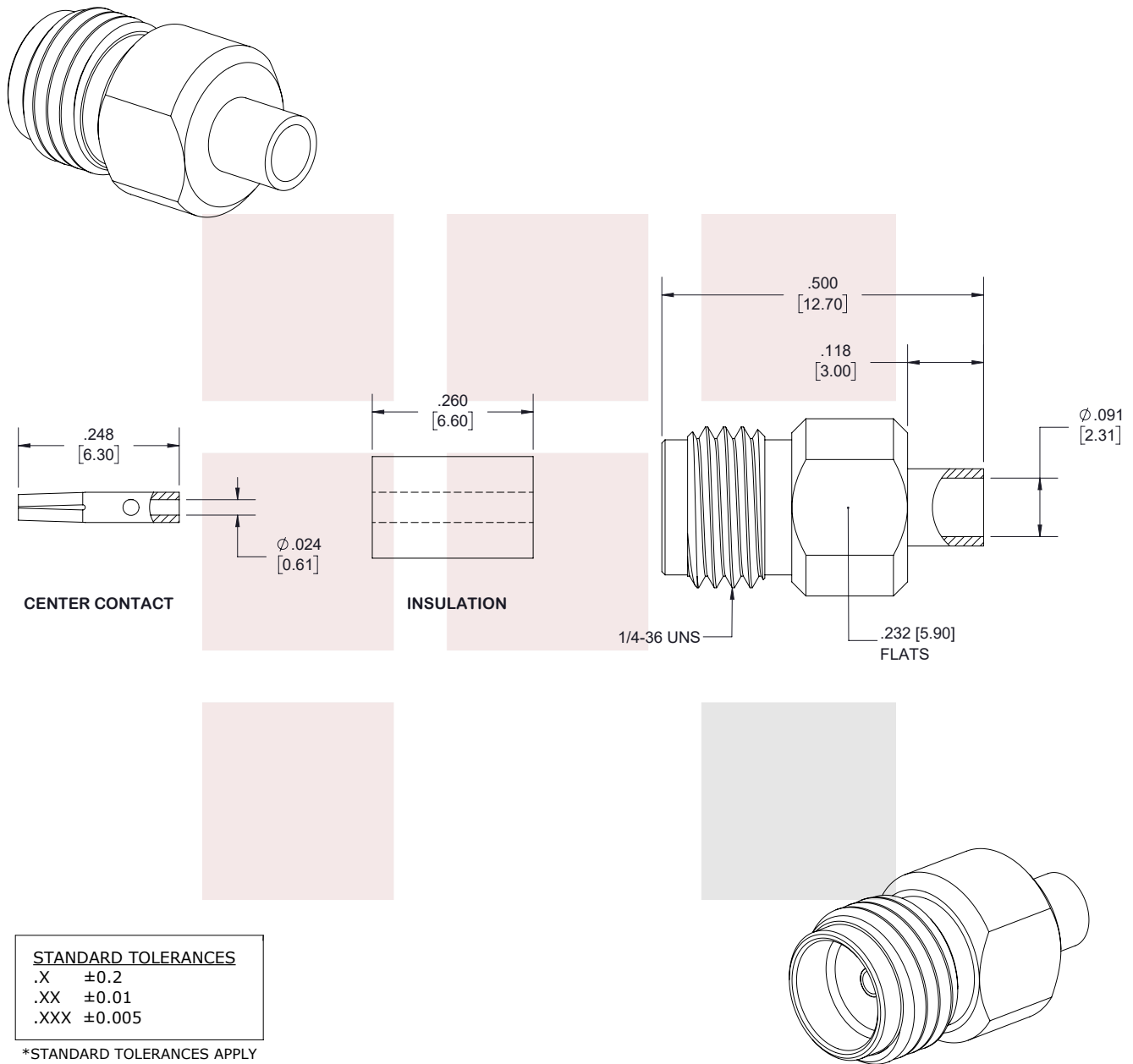


SMA Female Connector Solder/Non-Solder Contact Attachment For RG405, RG405 Tinned, .086 SR Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Female Connector Solder/Non-Solder Contact Attachment For RG405, RG405 Tinned, .086 SR Cable SC3519A](https://www.fairviewmicrowave.com/sma-female-rg-405-connector-sc3519a-p.aspx)

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TITLE SMA Female Connector Solder/Non-Solder Contact Attachment For RG405, RG405 Tinned, .086 SR Cable	DWG NO SC3519A		CAGE CODE 3FKR5			
	CAD FILE 120517	SHEET 1 OF 2	SCALE N/A	SIZE A	7361	

RG405 Type .086 Semi-Rigid Coax Cable with a Tin Plated Copper Outer Conductor in Coiled Sections

.086 diameter semi-rigid coaxial cable is the cable of choice for many RF and Microwave engineers. 0.086 cables sometimes referred to as RG405 based on the mil specification for semi-rigid cable of this diameter has a maximum operating frequency of 40 GHz. This form factor is widely used in the RF industry and many connector series and configurations are available for this cable. Because of the solid copper wall design the cable can be formed using proper tooling with a minimum inside bend radius of .05 inches.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		40	GHz
Impedance		50		Ohms
DWV (AC)			5,000	Vrms

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	1	10	20			GHz
Attenuation, Typ	22 72.18	80 262.47	120 393.7			dB/100ft dB/100m
Power In (CW), Max	130	35	20			Watts

Mechanical Specifications

Min. Bend Radius (Installation) 0.05 in [1.27 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver	0.2 in [5.08 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.066 in [1.68 mm]
Outer Conductor	Copper, Tin	0.086 in [2.18 mm]

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant Yes
 REACH Compliant 12/17/2014

Plotted and Other Data

Notes:

Configuration:

- Semi-Rigid Cable

Features:

- Silver Plated Copper Clad Steel center conductor
- PTFE dielectric material
- Copper Tinned Outer Conductor
- Operating to 40 GHz
- Minimum inside bend radius of .05 inches
- ROHS compliant

Applications:

- RF and Microwave Cable Assemblies to 40 GHz
- Preformed cable assemblies to insure fit and layout
- Test Equipment port jumpers

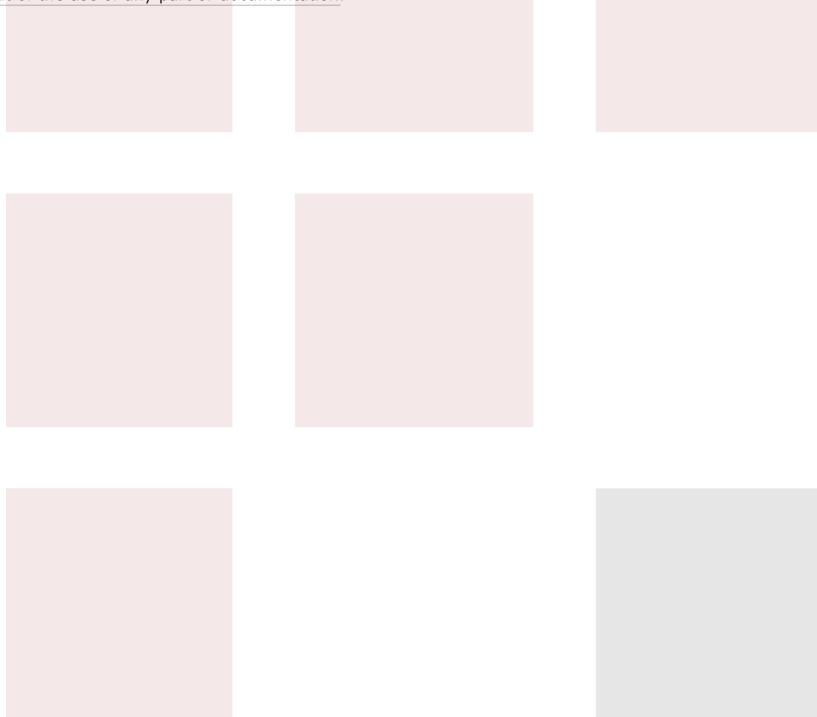
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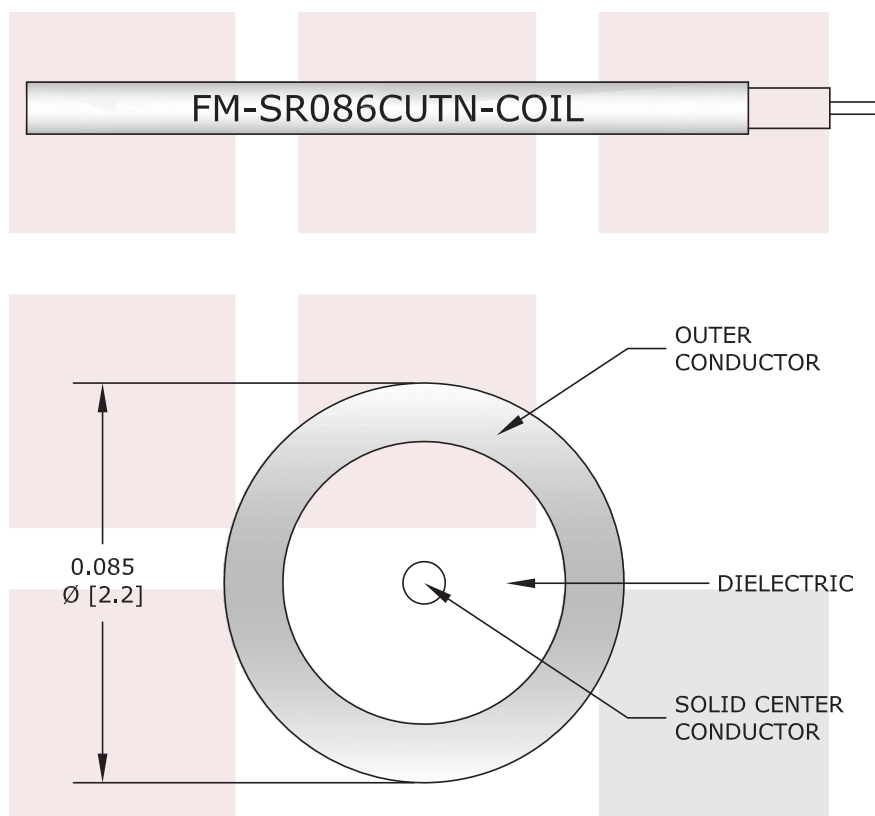
RG405 Type .086 Semi-Rigid Coax Cable with a Tin Plated Copper Outer Conductor in Coiled Sections from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [RG405 Type .086 Semi-Rigid Coax Cable with a Tin Plated Copper Outer Conductor in Coiled Sections FM-SR086CUTN-COIL](http://www.fairviewmicrowave.com/rg405-type-.086-semi-rigid-coax-cable-tin-plated-copper-fm-sr086cutn-coil-p.aspx)

URL: <http://www.fairviewmicrowave.com/rg405-type-.086-semi-rigid-coax-cable-tin-plated-copper-fm-sr086cutn-coil-p.aspx>

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TITLE RG405 Type .086 Semi-Rigid Coax Cable with a Tin Plated Copper Outer Conductor in Coiled Sections	DWG NO FM-SR086CUTN-COIL		CAGE CODE 3FKR5		
	CAD FILE 012716	SHEET	SCALE N/A	SIZE A	2233