

## SMA Male to SSMA Male Cable RG-405 Coax in 24 Inch and RoHS Compliant

The SMA male to SSMA male 24 inch cable using RG-405 coax, part number SCA71086-24, from Fairview Microwave is in-stock and ships same day. This Fairview SMA to SSMA cable assembly has a male to male gender configuration with 50 ohm flexible RG-405 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The SCA71086-24 SMA male to SSMA male cable assembly operates to 12.4 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		12.4	GHz

### Mechanical Specifications

#### Cable Assembly

Length*	24 in [609.6 mm]
Weight	0.0375 lbs [17.01 g]

#### Cable

Cable Type	RG-405
Impedance	50 Ohms
Dielectric Type	PTFE

#### Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SSMA Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Beryllium Copper, Gold
Outer Cond Material & Plating	Stainless Steel, Gold	Stainless Steel, Gold
Coupling Nut Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel

#### Mechanical Specification Notes:

\*All cable assemblies have a length tolerance of 1.5% or  $\pm 3/8"$ , whichever is greater.

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

### Plotted and Other Data

Notes:



### Configuration:

- SMA Male
- SSMA Male
- RG-405

### Features:

- Max Frequency 12.4 GHz

### Applications:

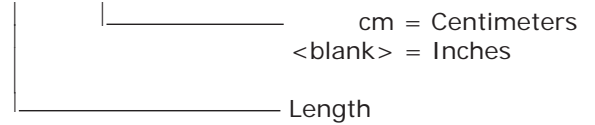
- General Purpose
- Laboratory Use

Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
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)

**How to Order**

Part Number Configuration:

**SCA71086 - xx uu**



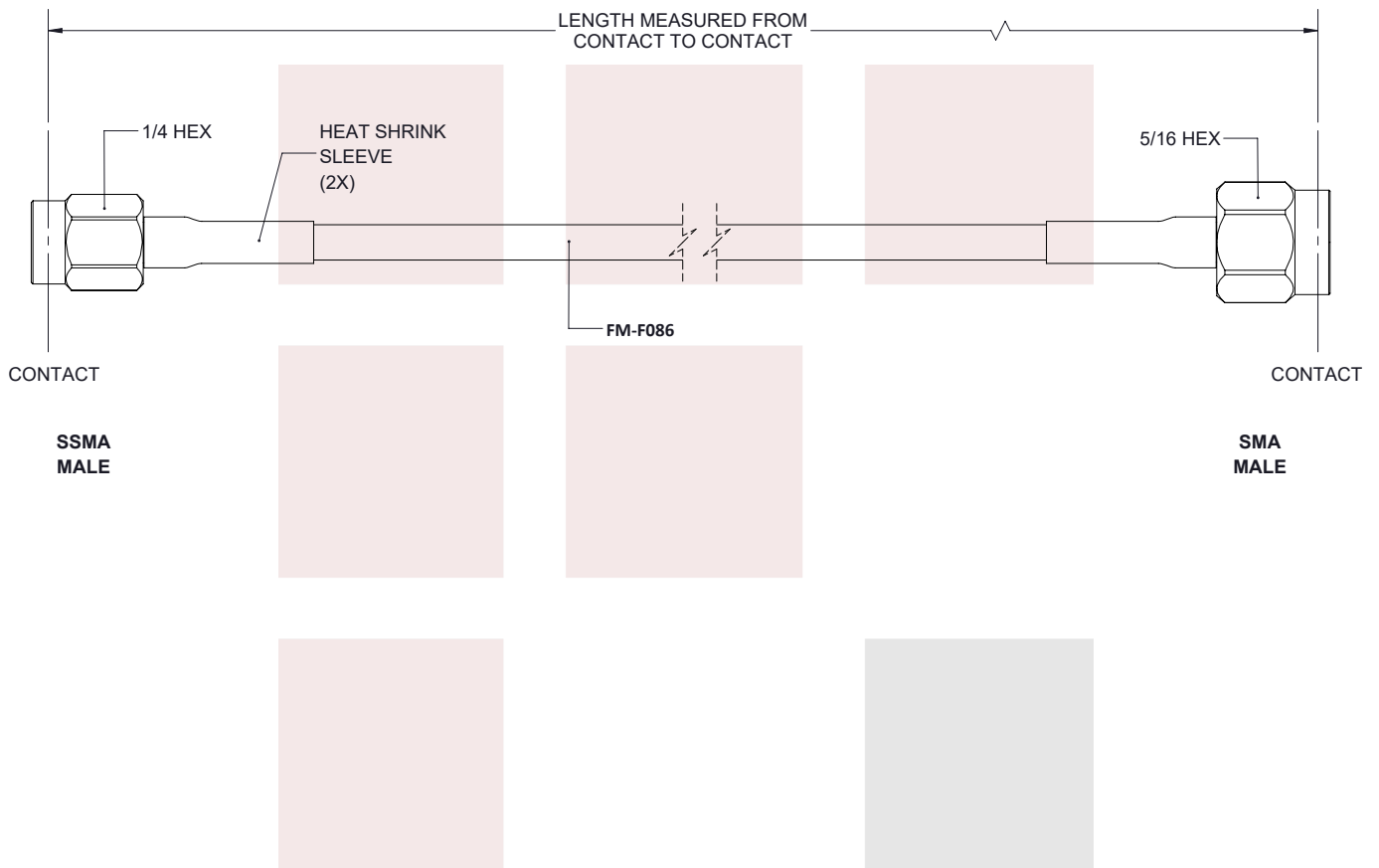
Example: SCA71086-12 = 12 inches long cable  
SCA71086-100cm = 100 cm long cable

SMA Male to SSMA Male Cable RG-405 Coax in 24 Inch and RoHS Compliant 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: [SMA Male to SSMA Male Cable RG-405 Coax in 24 Inch and RoHS Compliant SCA71086-24](https://www.fairviewmicrowave.com/sma-male-ssma-male-cable-rg-405-coax-sca71086-24)


URL: <https://www.fairviewmicrowave.com/sma-male-ssma-male-cable-rg-405-coax-sca71086-24-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

	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].							
	DWG NO <b>SCA71086</b>				CAGE CODE <b>3FKR5</b>			
	CAD FILE	01/23/19	SHEET	1 OF 1	SCALE	N/A	SIZE	A
TITLE SMA Male to SSMA Male Cable RG-405 Coax in 24 Inch and RoHS Compliant								