

## RA Mini SMP Female to SMA Male Cable FM-F086 Coax in 12 Inch

The RA Mini SMP female to SMA male 12 inch cable using FM-F086 coax, part number SCA94086-12, from Fairview Microwave is in-stock and ships same day. This Fairview Mini SMP to SMA cable assembly has a female to male gender configuration with 50 ohm flexible FM-F086 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The SCA94086-12 Mini SMP female to SMA male cable assembly operates to 18 GHz. The right angle Mini SMP interface on the FM-F086 cable allows for easier connections in tight spaces.

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		18	GHz
VSWR			1.4:1	

### Mechanical Specifications

<b>Cable Assembly</b>		
Length*	12 in [304.8 mm]	
Weight	0.0245 lbs [11.11 g]	
<b>Cable</b>		
Cable Type	FM-F086	
Impedance	50 Ohms	
Dielectric Type	PTFE	

### Connectors

Description	Connector 1	Connector 2
Type	Mini SMP Female	SMA Male
Configuration	Right Angle	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Brass, Gold
Body Material & Plating	Beryllium Copper, Gold	Passivated Stainless Steel
Coupling Nut Material & Plating		Passivated Stainless Steel
Torque		8 in-lbs 0.9 Nm

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

### Plotted and Other Data

Notes:

### Configuration:

- Mini SMP Female Right Angle
- SMA Male
- FM-F086

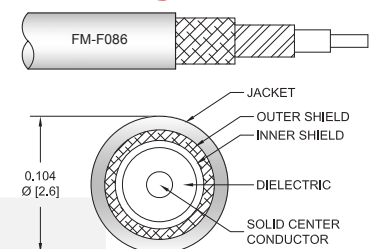
### Features:

- Max Frequency 18 GHz

### Applications:

- General Purpose
- Laboratory Use

### Cable Diagram:

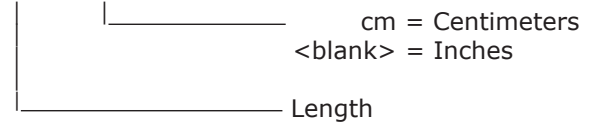


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**How to Order**

Part Number Configuration:

**SCA94086 - xx uu**



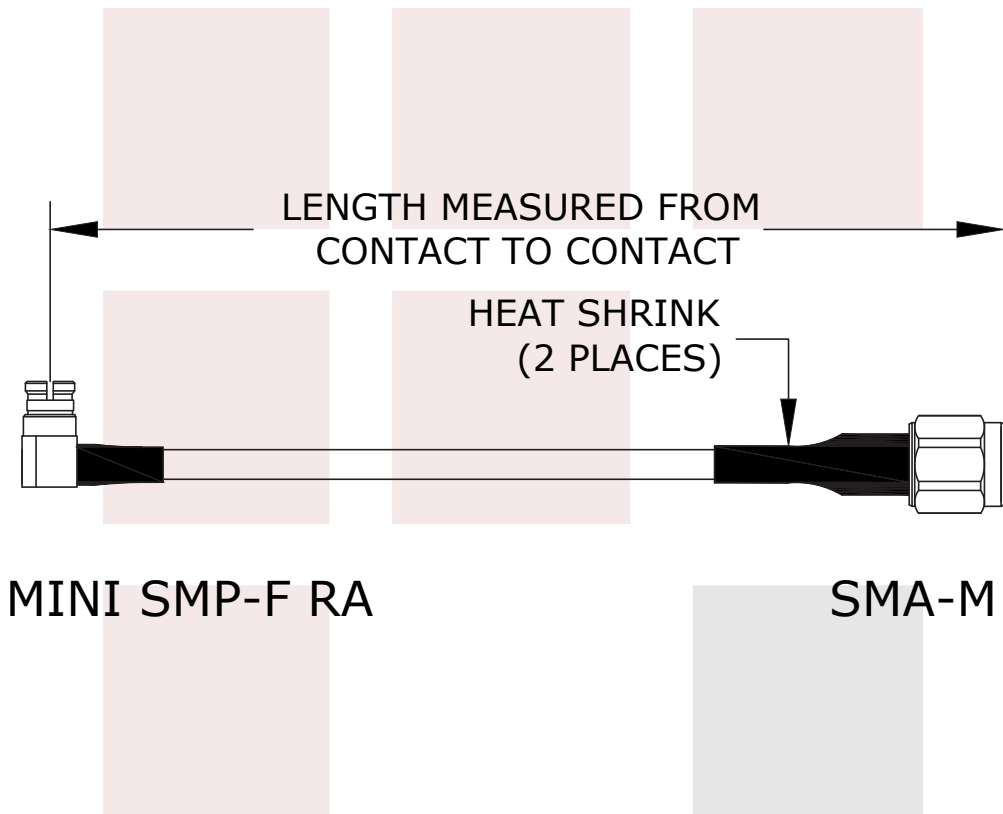
Example: SCA94086-12 = 12 inches long cable  
SCA94086-100cm = 100 cm long cable

RA Mini SMP Female to SMA Male Cable FM-F086 Coax in 12 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [RA Mini SMP Female to SMA Male Cable FM-F086 Coax in 12 Inch SCA94086-12](#)

URL: <https://www.fairviewmicrowave.com/ra-mini-smp-female-sma-male-cable-rg-405-coax-sca94086-12-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 RA Mini SMP Female to SMA Male Cable FM-F086 Coax in 12 Inch		DWG NO SCA94086		CAGE CODE 3FKR5	
CAD FILE	091715	SHEET		SCALE	N/A
				SIZE	A 5568