

## SMA Female to 2.92mm Male Cable FM-F086 Coax with LF Solder

The SMA female to 2.92mm male cable using FM-F086 coax, part number FMC1329085LF, from Fairview Microwave is in-stock and ships same day. This Fairview SMA to 2.92mm 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 FMC1329085LF SMA female to 2.92mm male cable assembly operates to 18 GHz. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness.

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			1.35:1	
Velocity of Propagation		70.6		%
Capacitance		28.95 [94.98]		pF/ft [pF/m]

### Mechanical Specifications

#### Cable Assembly

Length\*

0 in [0 mm]

#### Cable

Cable Type

FM-F086

Impedance

50 Ohms

Inner Conductor Type

Solid

Inner Conductor Material and Plating

Copper, Silver

Dielectric Type

PTFE

Number of Shields

2

Shield Layer 1

Silver Plated Copper Tape

Shield Layer 2

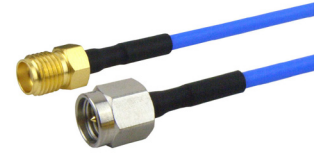
Silver Plated Copper Braid

Jacket Material

FEP, Blue

Jacket Diameter

0.104 in [2.64 mm]



### Configuration:

- SMA Female
- 2.92mm Male
- FM-F086

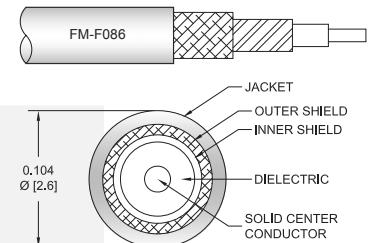
### Features:

- Max Frequency 18 GHz
- 70.6% Phase Velocity
- Double Shielded
- FEP Jacket

### Applications:

- General Purpose
- Laboratory Use

### Cable Diagram:



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[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Connectors**

Description	Connector 1	Connector 2
Type	SMA Female	2.92mm Male
Impedance	50 Ohms	50 Ohms
Mating Cycles		500
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	30µ" Min	50µ in. minimum
Dielectric Type	PTFE	PTFE
Body Material & Plating	Gold	Beryllium Copper, Gold
Body Plating Spec.		50µ in. minimum
Coupling Nut Material & Plating		Passivated Stainless Steel
Hex Size		5/16 inch
Torque		8 in-lbs 0.9 Nm

**Environmental Specifications**
**Temperature**

Operating Range -65 to +165 deg C

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

**Plotted and Other Data**

Notes:

**How to Order**

 Part Number Configuration: **FMC1329085LF - xx uu**

 cm = Centimeters  
 <blank> = Inches  
 Length

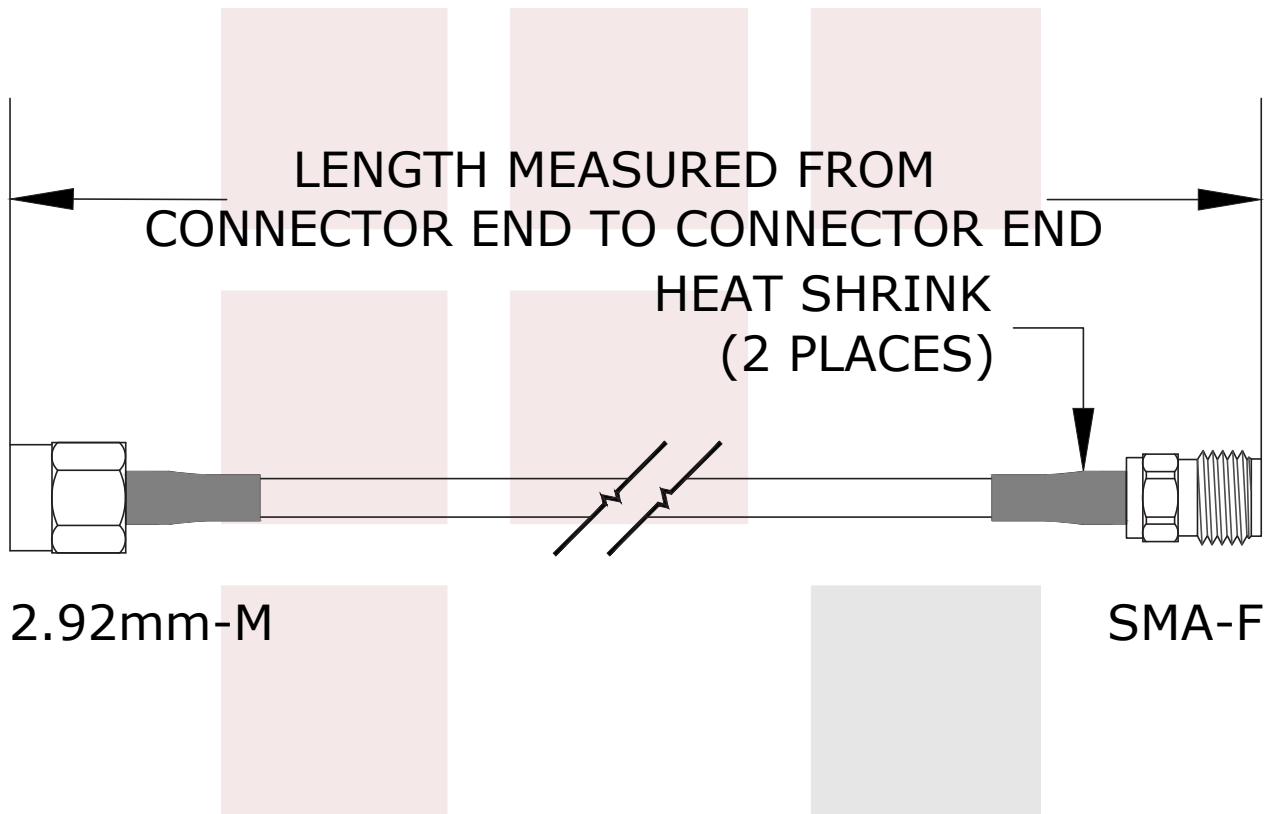
 Example: FMC1329085LF-12 = 12 inches long cable  
 FMC1329085LF-100cm = 100 cm long cable

SMA Female to 2.92mm Male Cable FM-F086 Coax with LF Solder 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: [SMA Female to 2.92mm Male Cable FM-F086 Coax with LF Solder FMC1329085LF](#)

URL: <https://www.fairviewmicrowave.com/standard-sma-female-2.92mm-male-cable-fm086-coax-fmc1329085lf-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 SMA Female to 2.92mm Male Cable FM-F086 Coax with LF Solder		DWG NO FMC1329085LF		CAGE CODE 3FKR5	
CAD FILE	103014	SHEET	SCALE	N/A	SIZE A 5568