

## SMA Male to SMP Female Cable FM-F086 Coax in 120 Inch

### 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

120 in [304.8 cm]

#### 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

0.209 in [5.31 mm]

### Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SMP Female
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Beryllium Copper, Gold
Contact Plating Spec.		30μ in. minimum
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	
Body Material & Plating	Stainless Steel	Beryllium Copper, Gold
Body Plating Spec.		30μ in. minimum

### Environmental Specifications

#### Temperature

Operating Range

-65 to +165 deg C

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

### Plotted and Other Data

Notes:

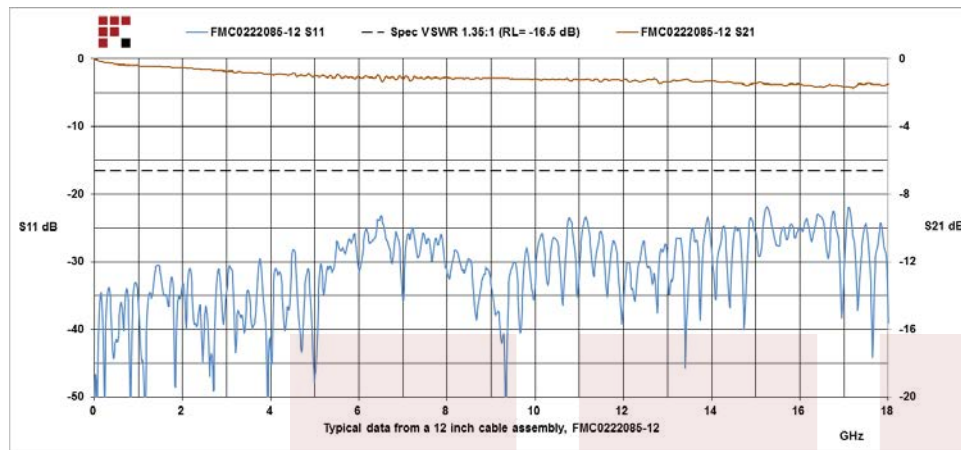


### Configuration:

- SMA Male
- SMP Female
- FM-F086

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### Typical Performance Data



### How to Order

Part Number Configuration:

**FMC0222085 - xx uu**

cm = Centimeters

<blank> = Inches

Length

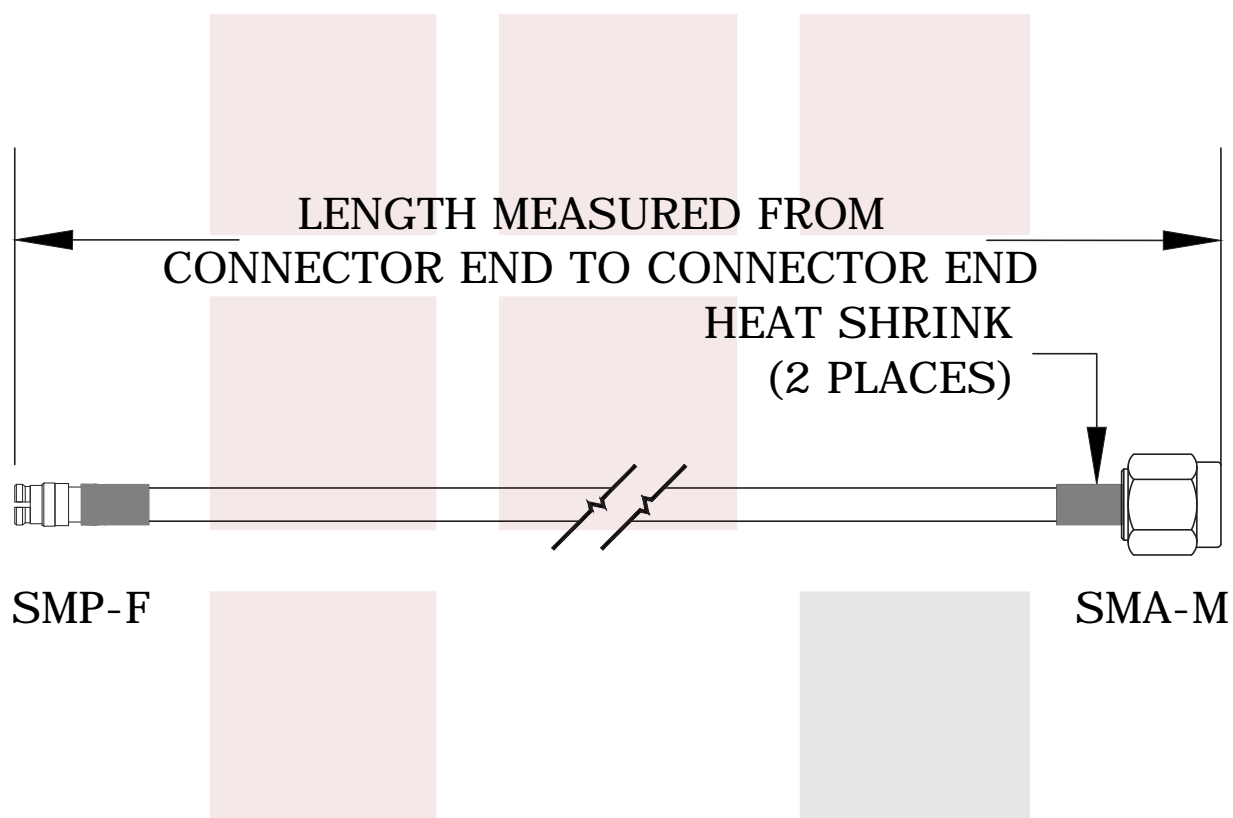
Example: FMC0222085-12 = 12 inches long cable  
FMC0222085-100cm = 100 cm long cable

SMA Male to SMP Female Cable FM-F086 Coax in 120 Inch 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 SMP Female Cable FM-F086 Coax in 120 Inch FMC0222085-120](#)

URL: <http://www.fairviewmicrowave.com/sma-male-smp-female-cable-hsmultiflex86-coax-fmc0222085-120-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 Male to SMP Female Cable FM-F086 Coax in 120 Inch	DWG NO <b>FMC0222085</b>		CAGE CODE <b>3FKR5</b>		
	CAD FILE 113015	SHEET	SCALE N/A	SIZE A	5568