

SMA Female to Mini 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 Female	Mini SMP Female
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	30μ" Min	MIL-G-45204
Dielectric Type	PTFE	PTFE
Body Material & Plating	Gold	Beryllium Copper, Gold
Body Plating Spec.		MIL-G-45204

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

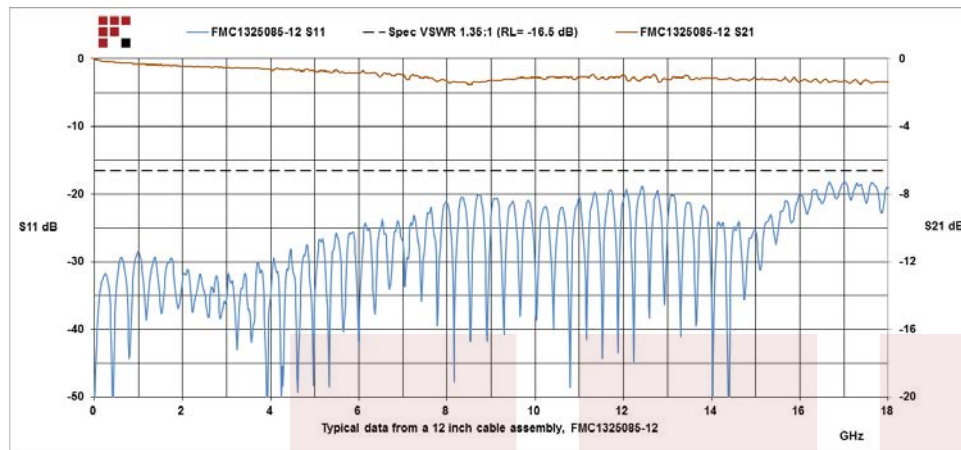


Configuration:

- SMA Female
- Mini SMP Female
- FM-F086

Fairview Microwave
1130 Junction Dr. #100
Allen, TX 75013
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Typical Performance Data



How to Order

Part Number Configuration:

FMC1325085 - xx uu

cm = Centimeters
<blank> = Inches
Length

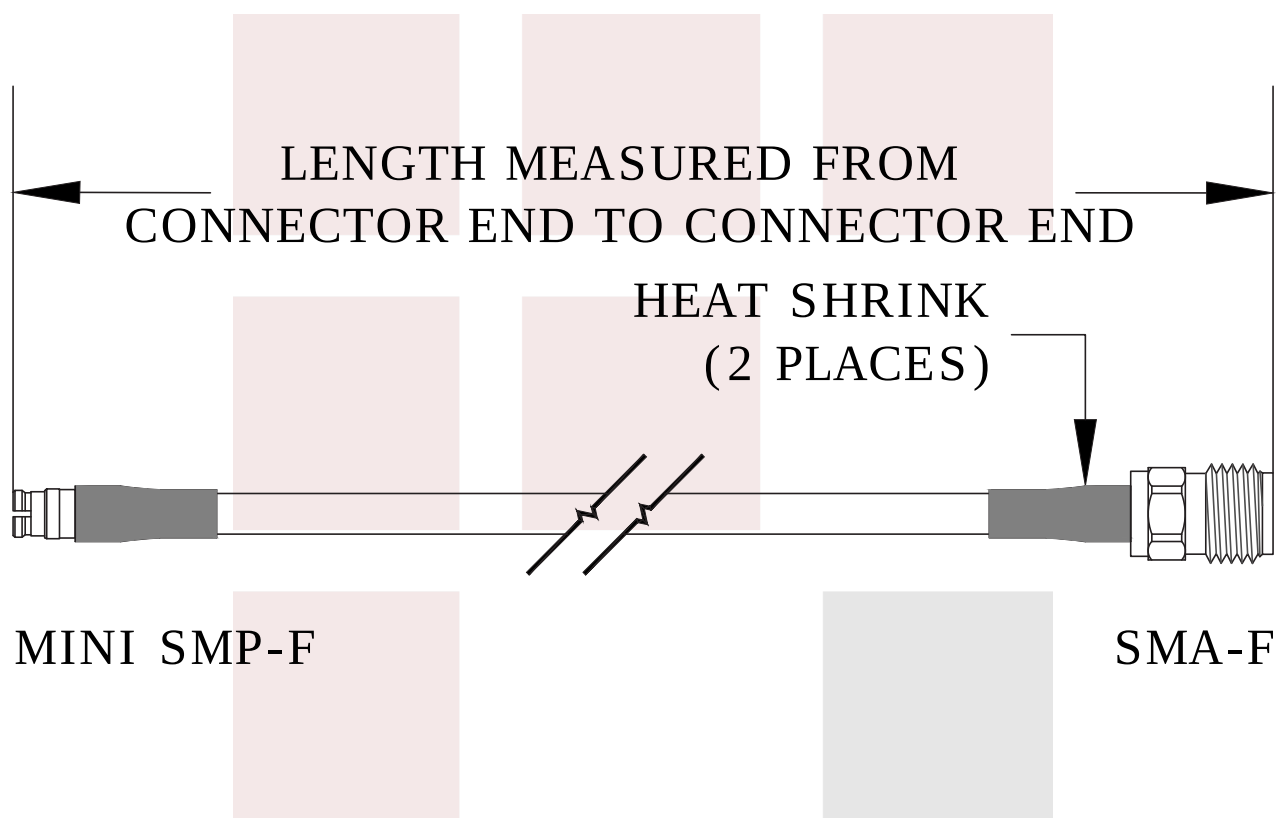
Example: FMC1325085-12 = 12 inches long cable
FMC1325085-100cm = 100 cm long cable

SMA Female to Mini 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 Female to Mini SMP Female Cable FM-F086 Coax in 120 Inch FMC1325085-120](#)

URL: <http://www.fairviewmicrowave.com/sma-female-mini-smp-female-cable-hs086-coax-fmc1325085-120-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 Female to Mini SMP Female Cable FM-F086 Coax in 120 Inch	DWG NO FMC1325085		CAGE CODE 3FKR5		
	CAD FILE 103014	SHEET	SCALE N/A	SIZE A	5568