

SMA Female to RA SMP Female Cable FM-F086 Coax

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		12	GHz
VSWR			1.35:1	
Velocity of Propagation		70.6		%
Capacitance		28.95 [94.98]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Diameter	0.265 in [6.73 mm]
Weight	0.03174 lbs [14.4 g]

Cable

Cable Type	HS086
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]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMP Female
Polarity	Standard	Standard
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
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

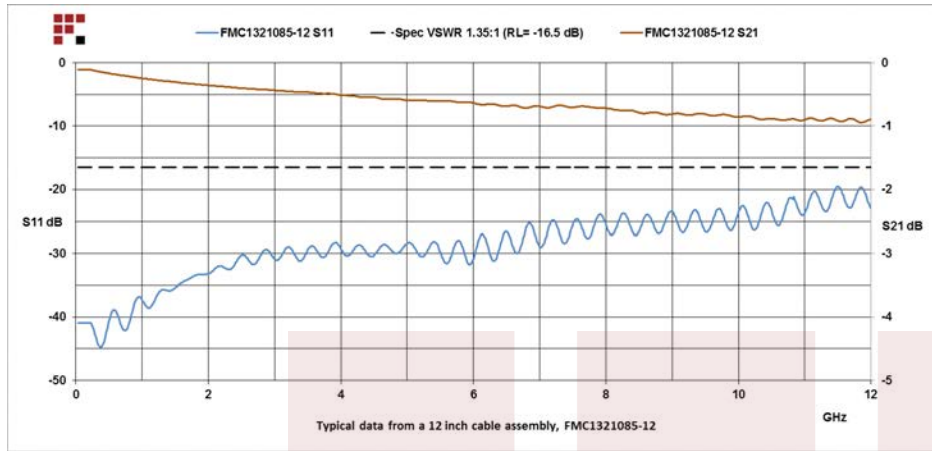


Configuration:

- SMA Female
- SMP Female Right Angle
- HS086

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:

FMC1321085 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

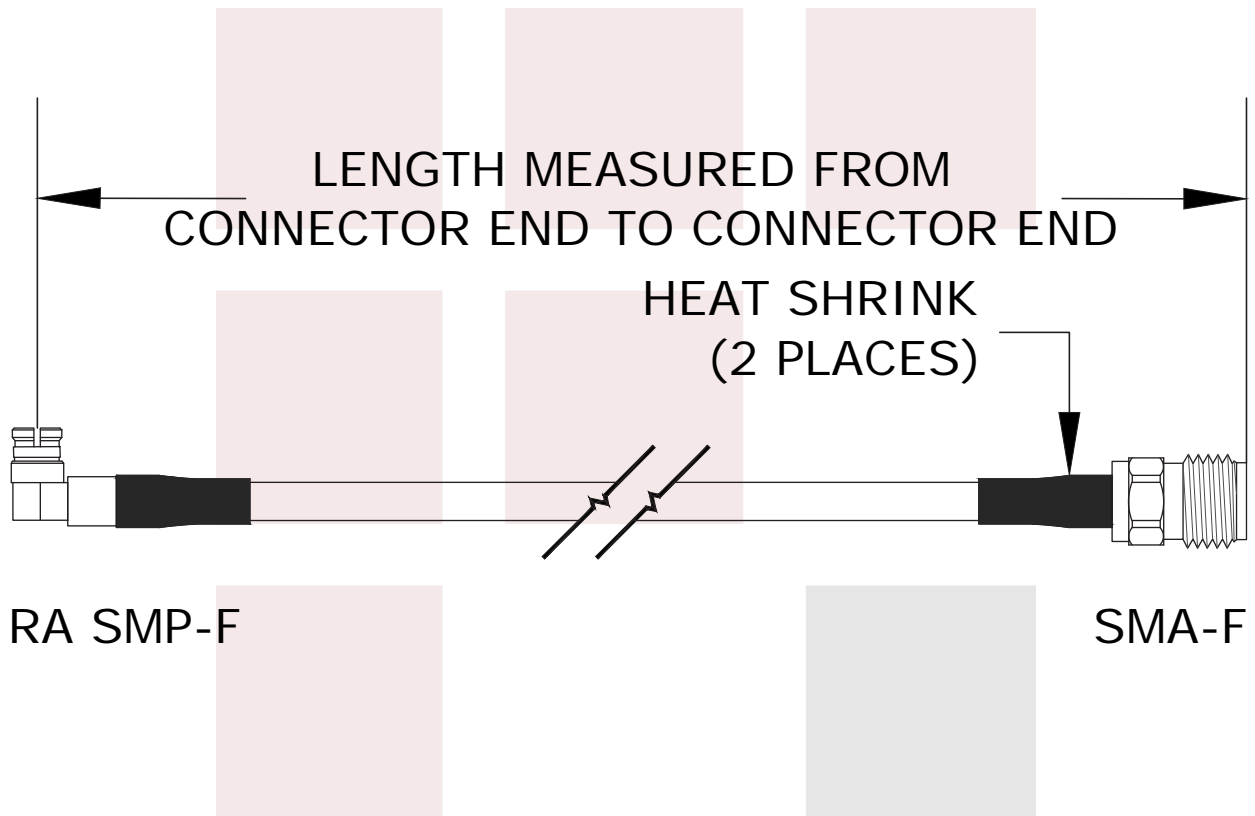
Example: FMC1321085-12 = 12 inches long cable
 FMC1321085-100cm = 100 cm long cable

SMA Female to RA SMP Female Cable FM-F086 Coax 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 RA SMP Female Cable FM-F086 Coax FMC1321085](https://www.fairviewmicrowave.com/sma-female-ra-smp-female-cable-hs086-coax-fmc1321085)

URL: <https://www.fairviewmicrowave.com/sma-female-ra-smp-female-cable-hs086-coax-fmc1321085-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 RA SMP Female Cable FM-F086 Coax		DWG NO FMC1320085		CAGE CODE 3FKR5	
		CAD FILE 103014	SHEET	SCALE N/A	SIZE A 5568