

**RA Mini SMP Female to RA Mini SMP Female Cable  
 FM-F086 Coax in 36 Inch**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.35:1	

**Mechanical Specifications**

**Cable Assembly**

Length	36 in [914.4 mm]
Diameter	0.265 in [6.73 mm]
Weight	0.08 lbs [36.29 g]

**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	Mini SMP Female Right Angle	Mini SMP Female Right
Angle		
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Dielectric Type	PTFE	PTFE
Body Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Body Plating Spec.	MIL-G-45204	MIL-G-45204

**Environmental Specifications**

**Temperature**

Operating Range	-65 to +165 deg C
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

**Plotted and Other Data**

Notes:

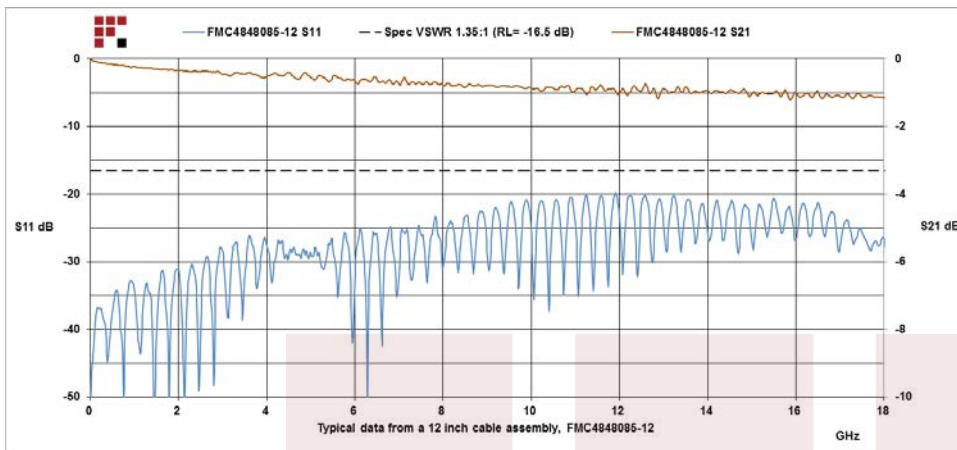


**Configuration:**

- Mini SMP Female Right Angle
- Mini SMP Female Right Angle
- 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](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC4848085 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

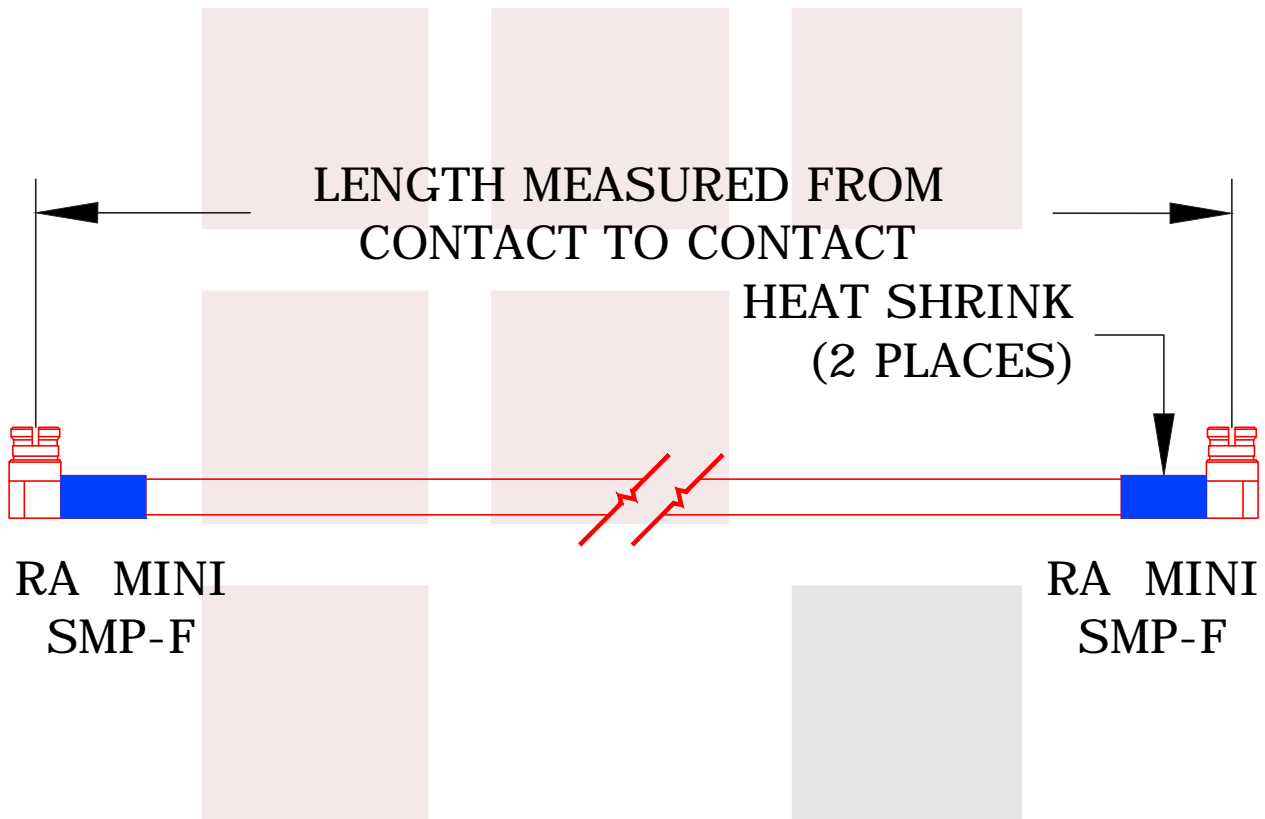
Example: FMC4848085-12 = 12 inches long cable  
 FMC4848085-100cm = 100 cm long cable

RA Mini SMP Female to RA Mini SMP Female Cable FM-F086 Coax in 36 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: [RA Mini SMP Female to RA Mini SMP Female Cable FM-F086 Coax in 36 Inch FMC4848085-36](#)

URL:

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 RA Mini SMP Female Cable FM-F086 Coax in 36 Inch		DWG NO FMC4848085		CAGE CODE 3FKR5	
CAD FILE	103114	SHEET		SCALE	N/A
		SIZE	A	5568	