

RA SMA Male to RA SMP Female Cable FM-F086 Coax in 60 Inch

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

Length 60 in [152.4 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 Right Angle | SMP Female Right Angle |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material & Plating | Brass, Gold | Beryllium Copper, Gold |
| Contact Plating Spec. | 50µ in. minimum | MIL-G-45204 |
| Dielectric Type | Teflon | PTFE |
| Hex Size | 5/16 inch | |
| Torque | 8.5 in-lbs [0.96 Nm] | |
| Body Material & Plating | Stainless Steel, Gold | Beryllium Copper, Gold |
| Body Plating Spec. | 3µ in. minimum | 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:

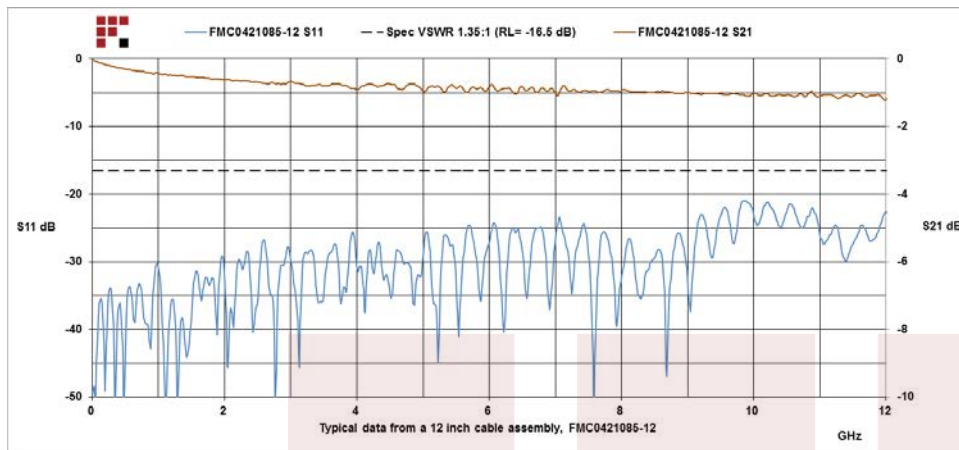


Configuration:

- SMA Male Right Angle
- SMP Female Right Angle
- FM-F086

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0421085 - xx uu

cm = Centimeters
<blank> = Inches
Length

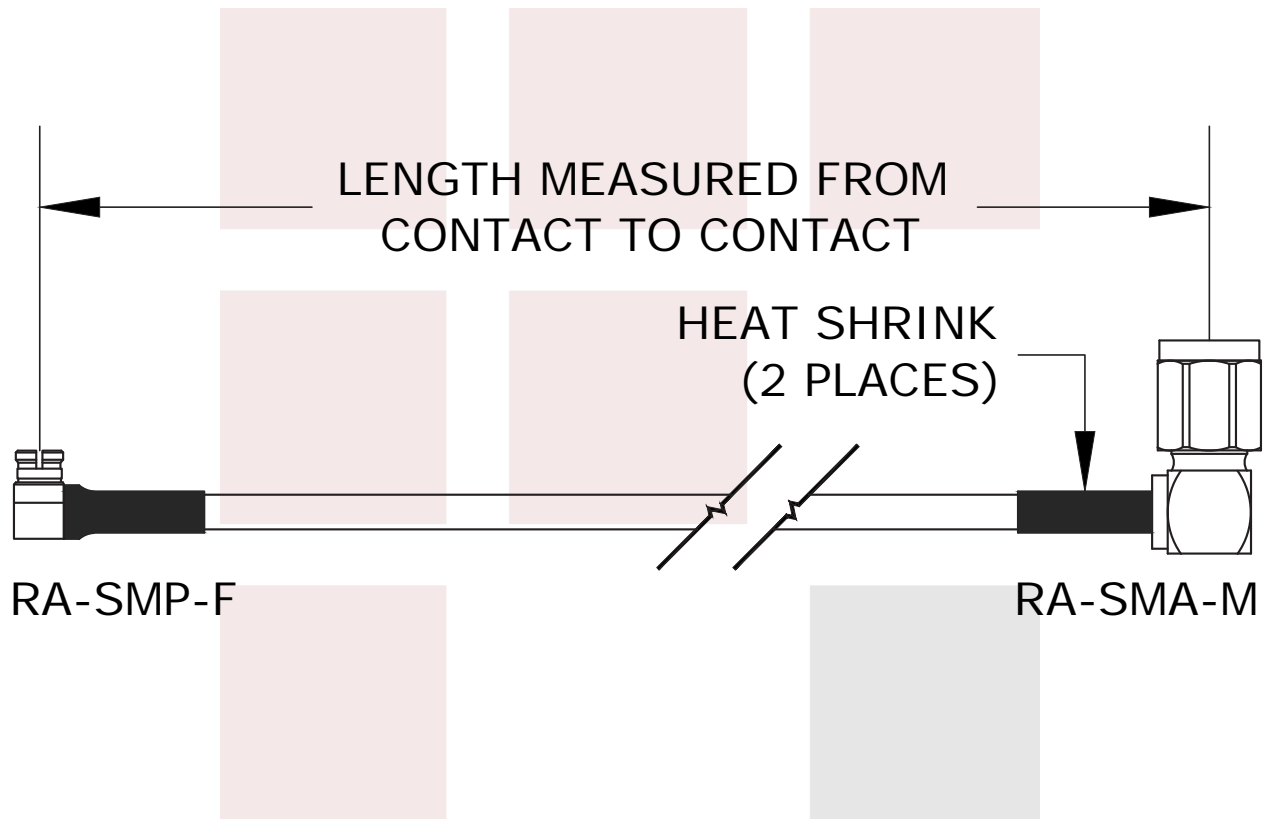
Example: FMC0421085-12 = 12 inches long cable
FMC0421085-100cm = 100 cm long cable

RA SMA Male to RA SMP Female Cable FM-F086 Coax in 60 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 SMA Male to RA SMP Female Cable FM-F086 Coax in 60 Inch FMC0421085-60](#)

URL: <http://www.fairviewmicrowave.com/ra-sma-male-ra-smp-female-cable-hs086-coax-fmc0421085-60-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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|---|--|---|-------|--------------------|-------------|
| FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM | | NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm]. | | | |
| TITLE RA SMA Male to RA SMP Female Cable FM-F086 Coax in 60 Inch | | DWG NO FMC0421085-XX | | CAGE CODE 3FKR5 | |
| | | CAD FILE 102114 | SHEET | SCALE N/A | SIZE A 5568 |