

**SMA Male to Smooth Bore SMP Male Bulkhead Cable
 FM-F086 Coax**

Electrical Specifications

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

Mechanical Specifications

Cable Assembly

Weight 0.00573 lbs [2.6 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 0.104 in [2.64 mm]

Connectors

| Description | Connector 1 | Connector 2 |
|----------------------------|------------------------|------------------------|
| Type | SMA Male | SMP Male |
| Polarity | Standard | Standard |
| Mount Method | | Bulkhead |
| Impedance | 50 Ohms | 50 Ohms |
| Connection Method | | Smooth Bore |
| Contact Material & Plating | Beryllium Copper, Gold | Beryllium Copper, Gold |
| Contact Plating Spec. | | MIL-G-45204 |
| Dielectric Type | PTFE | PTFE |
| Hex Size | 5/16 inch | |
| Body Material & Plating | Stainless Steel | Beryllium Copper, Gold |
| Body Plating Spec. | | MIL-G-45204 |

Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

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

Plotted and Other Data

Notes:

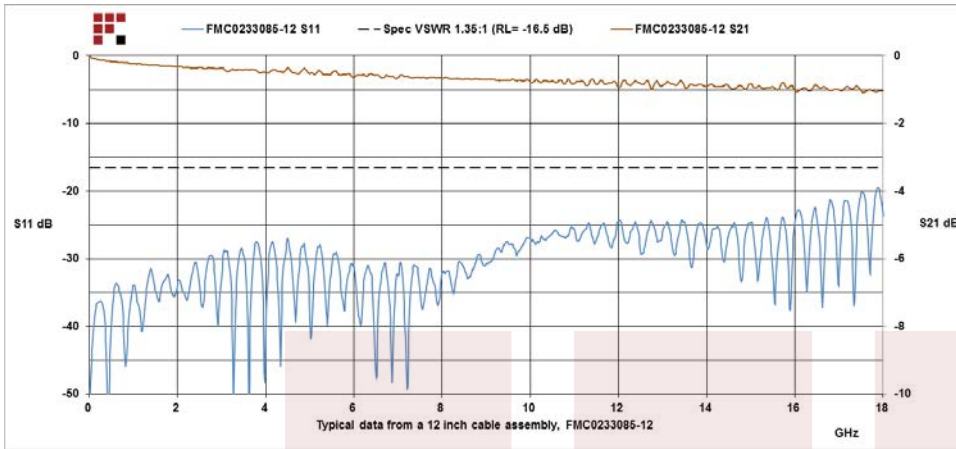


Configuration:

- SMA Male
- Smooth Bore SMP Male Bulkhead
- FM-F086

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0233085 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

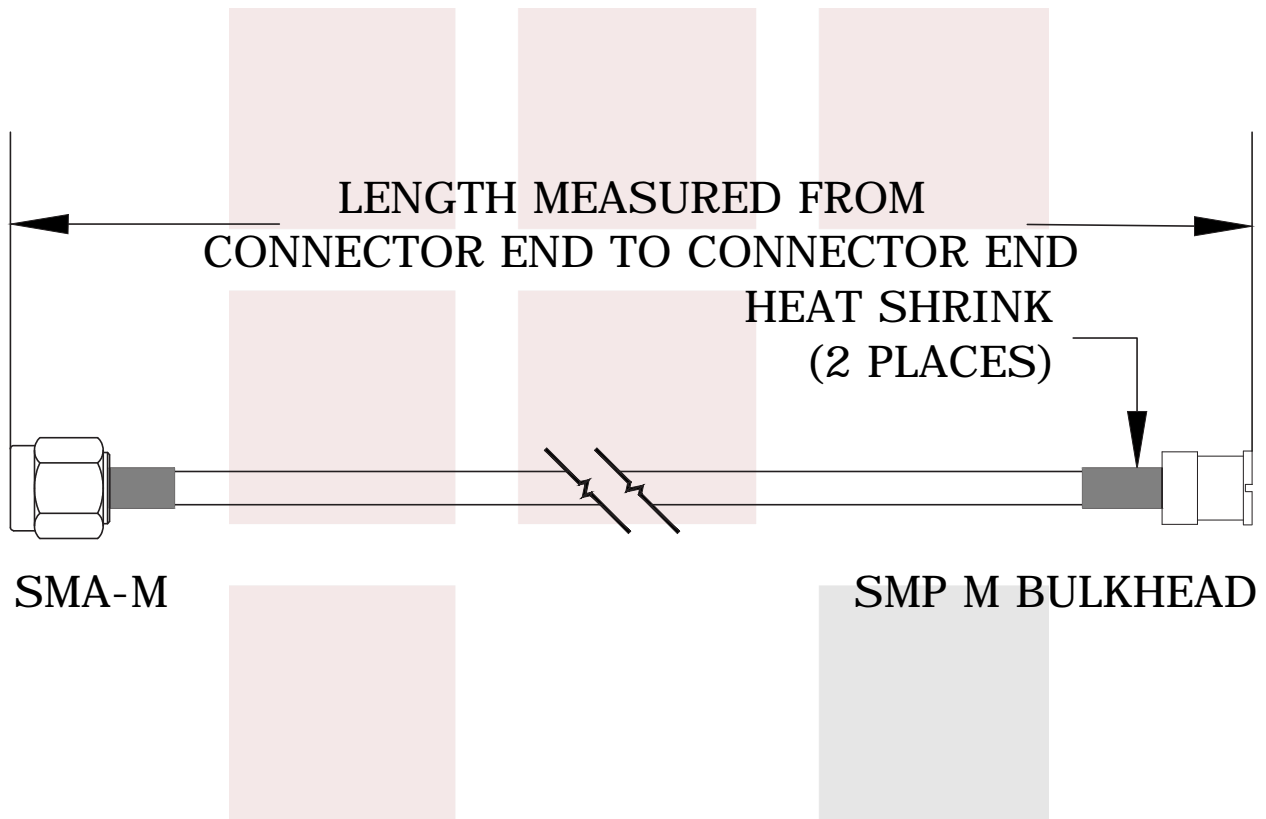
Example: FMC0233085-12 = 12 inches long cable
 FMC0233085-100cm = 100 cm long cable

SMA Male to Smooth Bore SMP Male Bulkhead 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 Male to Smooth Bore SMP Male Bulkhead Cable FM-F086 Coax FMC0233085](#)

URL: <http://www.fairviewmicrowave.com/standard-sma-male-smp-male-cable-fmf086-coax-fmc0233085-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 SMA Male to Smooth Bore SMP Male Bulkhead Cable FM-F086 Coax | | DWG NO FMC0233085 | | CAGE CODE 3FKR5 | |
| CAD FILE | 103114 | SHEET | SCALE | N/A | SIZE A 5568 |