

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

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		16	GHz
VSWR			1.35:1	

Mechanical Specifications

Cable Assembly

Weight 0.00132 lbs [0.6 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	SMP Female	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.	30µ in. minimum	MIL-G-45204
Dielectric Type	PTFE	PTFE
Body Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Body Plating Spec.	30µ 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:

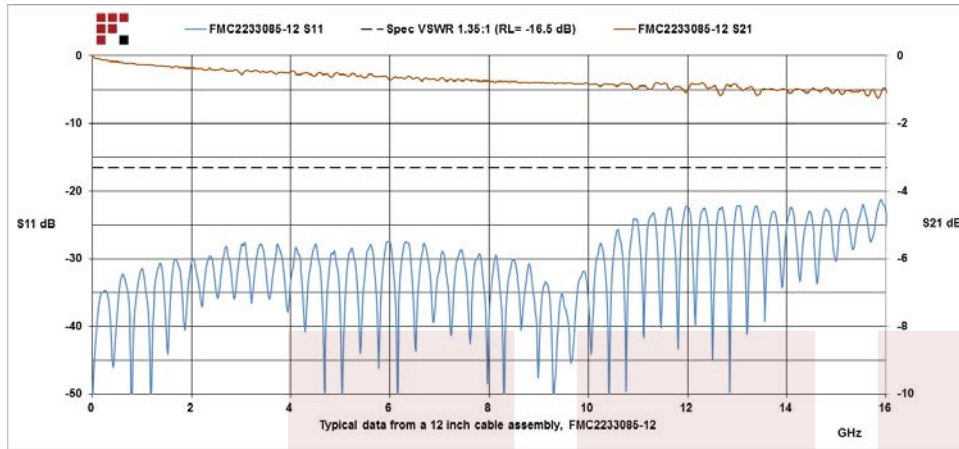


Configuration:

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

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Typical Performance Data



How to Order

Part Number Configuration:

FMC2233085 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

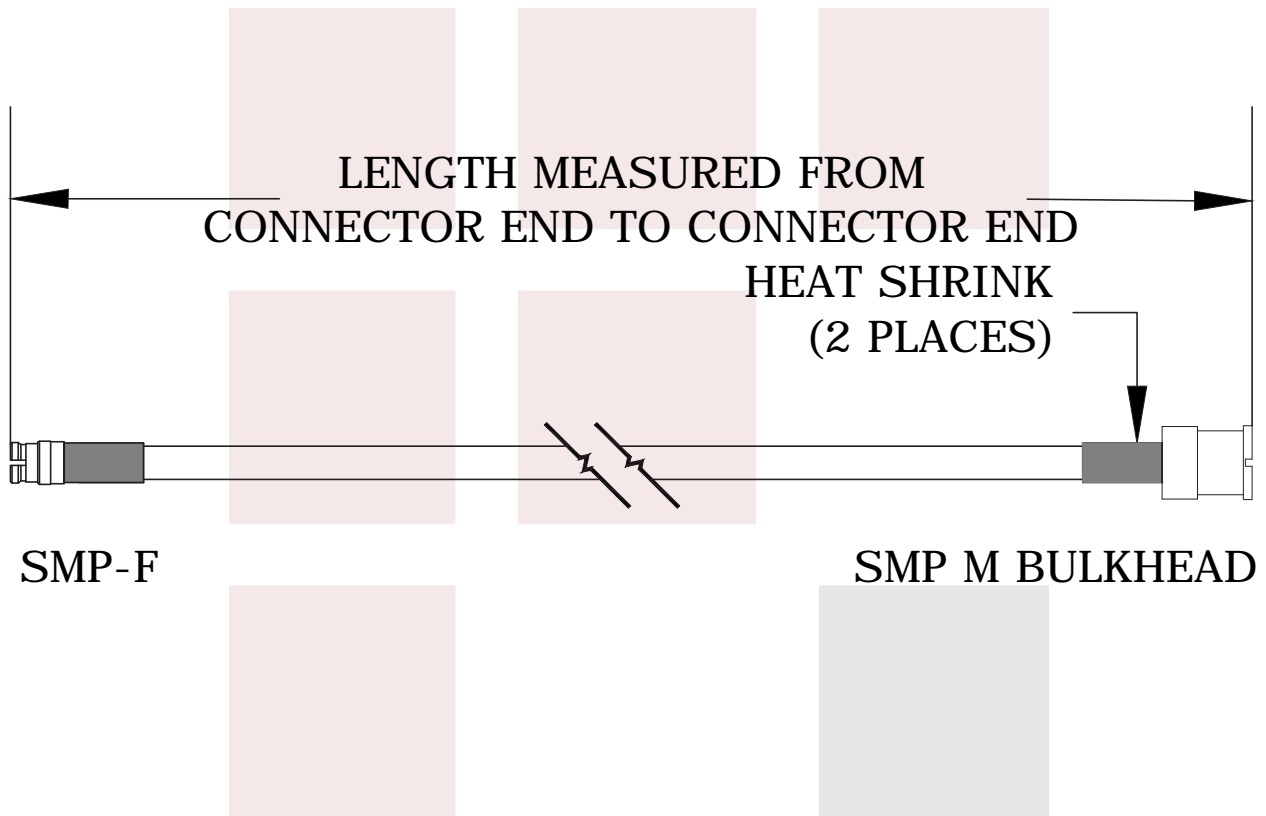
Example: FMC2233085-12 = 12 inches long cable
 FMC2233085-100cm = 100 cm long cable

SMP Female 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: [SMP Female to Smooth Bore SMP Male Bulkhead Cable FM-F086 Coax FMC2233085](#)

URL: <http://www.fairviewmicrowave.com/standard-smp-female-smp-male-cable-fmf086-coax-fmc2233085-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 SMP Female to Smooth Bore SMP Male Bulkhead Cable FM-F086 Coax		DWG NO FMC2233085		CAGE CODE 3FKR5	
CAD FILE	103114	SHEET	SCALE	N/A	SIZE A 5568