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Fairview Microwave
RF COMPONENTS ON DEMAND. Done!

FMC0222085
DATA SHEET

SMA Male to SMP Female Cable FM-F086 Coax



Configuration:

- SMA Male
- SMP Female
- FM-F086

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.35:1	
Velocity of Propagation		70.6		%
Capacitance		28.95 [94.98]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight	0.00529 lbs [2.4 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 Female
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Beryllium Copper, Gold
Contact Plating Spec.		30µ in. minimum
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	
Body Material & Plating	Stainless Steel	Beryllium Copper, Gold
Body Plating Spec.		30µ in. minimum

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C

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

Plotted and Other Data

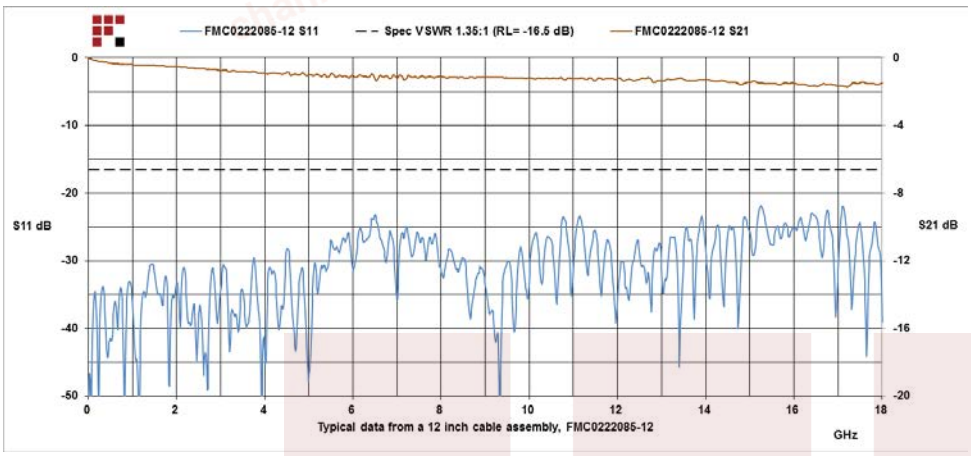
Notes:

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Typical Performance Data



How to Order

Part Number Configuration: **FMC0222085 - xx uu**

- uu: cm = Centimeters; <blank> = Inches
- xx: Length

Example: FMC0222085-12 = 12 inches long cable
FMC0222085-100cm = 100 cm long cable

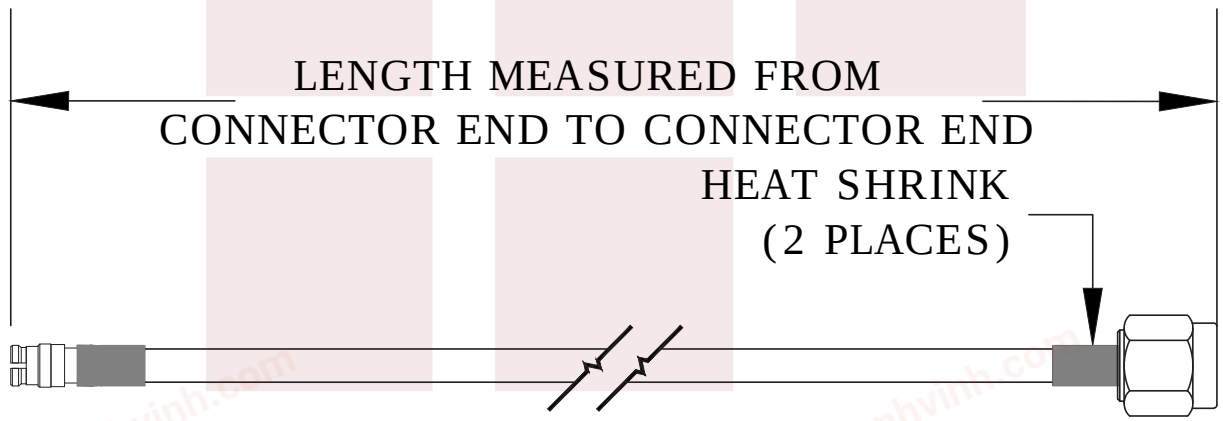
SMA Male to SMP Female Cable FM-F086 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: SMA Male to SMP Female Cable FM-F086 Coax FMC0222085

URL: http://www.fairviewmicrowave.com/sma-male-smp-female-cable-hsmultiflex86-coax-fmc0222085-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 SMP Female Cable FM-F086 Coax	DWG NO FMC0222085	CAGE CODE 3FKR5			
	CAD FILE 113015	SHEET	SCALE N/A	SIZE A	5568

1130 Junction Dr. #100 Allen, TX 75013 | Tel: 1-800-715-4396 / (972) 649-6678 / Fax: (972) 649-6689

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