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Fairview Microwave
RF COMPONENTS ON DEMAND. Done!

FMC2929085
DATA SHEET

2.92mm Male to 2.92mm Male Cable FM-F086HP Coax



Configuration:

- 2.92mm Male
- 2.92mm Male
- FM-F086HP

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		40	GHz
VSWR			1.5:1	
Velocity of Propagation		70.6		%
Capacitance		28.95 [94.98]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Diameter	0.315 in [8 mm]
Weight	0.0194 lbs [8.8 g]

Cable

Cable Type	FM-F086HP
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	0.105 in [2.67 mm]

Connectors

Description	Connector 1	Connector 2
Type	2.92mm Male	2.92mm Male
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Mating Cycles	500	500
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	50µ in. minimum	50µ in. minimum
Dielectric Type	PTFE	PTFE
Coupling Nut Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Hex Size	5/16 inch	5/16 inch
Torque	8 in-lbs [0.9 Nm]	8 in-lbs [0.9 Nm]
Body Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Body Plating Spec.	50µ in. minimum	50µ in. minimum

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C

Fairview Microwave
1130 Junction Dr. #100
Allen, TX 75013
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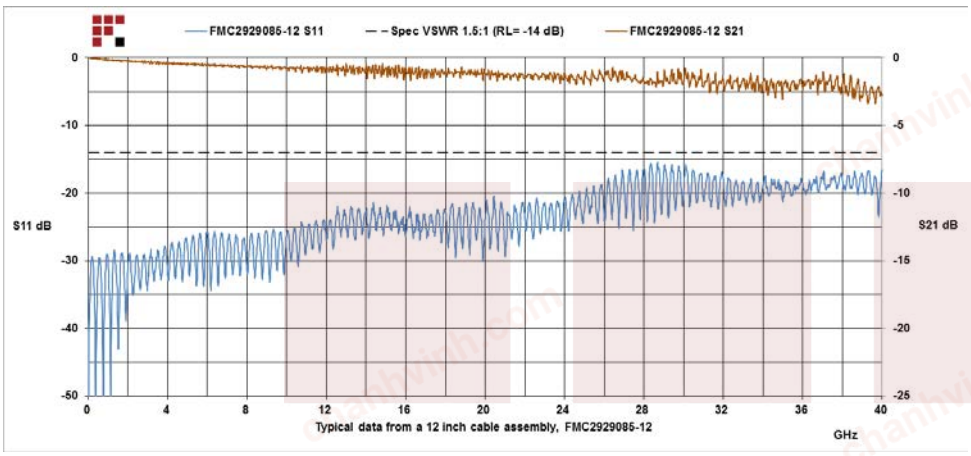
Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration: **FMC2929085 - xx uu**

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

Example: FMC2929085-12 = 12 inches long cable
FMC2929085-100cm = 100 cm long cable

2.92mm Male to 2.92mm Male Cable FM-F086HP 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: 2.92mm Male to 2.92mm Male Cable FM-F086HP Coax FMC2929085

URL: http://www.fairviewmicrowave.com/2.92mm-male-2.92mm-male-cable-hs086-coax-fmc2929085-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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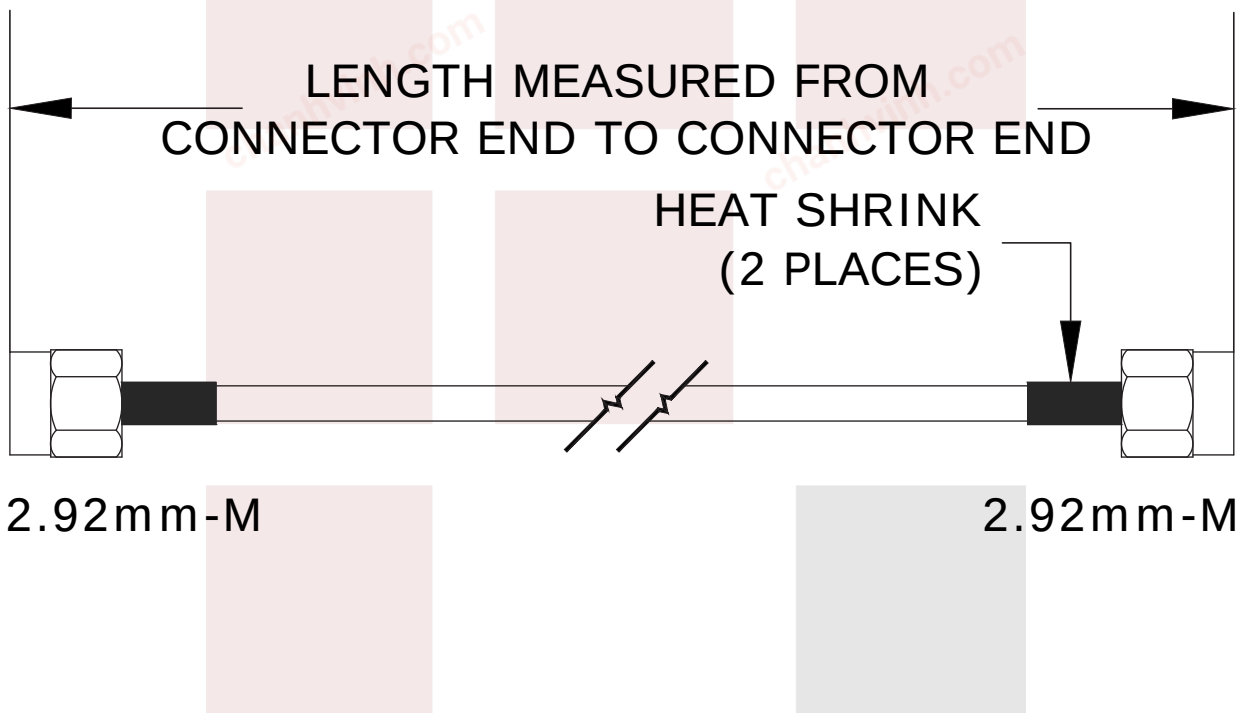

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM	NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].				
TITLE 2.92mm Male to 2.92mm Male Cable FM-F086HP Coax	DWG NO FMC2929085-XX		CAGE CODE 3FKR5		
	CAD FILE 103114	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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