



N Male to N Male Cable RG405 Type .086 Coax

The type N male to type N male cable using RG405 type .086 coax, part number FMCA2936, from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N cable assembly has a male to male gender configuration with 50 ohm semi-rigid FM-SR086CU-STR coax. Fairview Microwave's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. The FMCA2936 type N male to type N male cable assembly operates to 11 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Min	Т	ур Мах	c Units
Frequency Range	DC		11	GHz
VSWR			1.5:	1
Velocity of Propagation		69.5		%
RF Shielding	-110			dB
Capacitance		29.4	[96.46]	pF/ft [pF/m]

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	2.5	5	11	GHz
Insertion Loss (Typ.)	0.11	0.22	0.317	0.478	0.84	dB/ft
	0.36	0.72	1.04	1.57	2.76	dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as $0.1\ dB$ per connector.

Mechanical Specifications

Cable Assembly

Weight 0.131 lbs [59.42 g]

Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type

Number of Shields Outer Conductor Material and Plating

Repeated Minimum Bend Radius

FM-SR086CU-STR 50 Ohms

Solid

Copper Clad Steel, Silver

PTFE 1 Copper

0.05 in [1.27 mm]



Configuration:

- N Male
- N Male
- FM-SR086CU-STR

Features:

- Max Frequency 11 GHz
- Shielding Effectivity > -110 dB
- 69.5% Phase Velocity

Applications:

- General Purpose
- Laboratory Use

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Connectors

Connector 1	Connector 2 N Male		
N Male			
50 Ohms	50 Ohms		
Brass, Gold over Nickel	Brass, Gold over Nickel		
PTFE	PTFE		
Brass, Nickel	Brass, Nickel		
Brass, Nickel	Brass, Nickel		
	N Male 50 Ohms Brass, Gold over Nickel PTFE Brass, Nickel		

Mechanical Specification Notes:

Maximum length using the straight semi rigid coax is 5ft. For lenghts greater than 5ft, please contact us

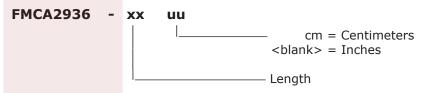
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:



Example: FMCA2936-12 = 12 inches long cable

FMCA2936-100cm = 100 cm long cable

N Male to N Male Cable RG405 Type .086 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: N Male to N Male Cable RG405 Type .086 Coax FMCA2936

URL: https://www.fairviewmicrowave.com/n-male-to-n-male-cable-rg405-type-.086-coax-fmca2936-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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