

## 2.92mm Male to 1.85mm Male Cable RG405 Coax in 24 Inch

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		40	GHz
VSWR			1.4:1	

### Performance by Frequency

Description	F1	F2	F3	F4	F5
Frequency	2.5 GHz	5 GHz	20 GHz	30 GHz	40 GHz
Insertion Loss	0.517 dB	0.678 dB	1.4 dB		
VSWR	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1
Return Loss	15.56 dB	15.563 dB	15.563 dB	15.563 dB	15.563 dB

### Mechanical Specifications

#### Cable Assembly

Length	24 in [609.6 mm]
Diameter	0.312 in [7.92 mm]
Cable Color	Tan
Connection Type	Between Series

#### Cable

Cable Type	RG-405
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Copper

#### Connectors

Description	Connector 1	Connector 2
Type	2.92mm Male	1.85mm Male
Impedance	50 Ohms	50 Ohms
Connection Method	Standard	Standard
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	50µ in. minimum	MIL-G-45204, Type II, Class 1

Dielectric Type	PCTFE	
Coupling Nut Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Hex Size	5/16 in.	5/16 in.
Torque	8 in-lbs 0.9 Nm	8 in-lbs 0.9 Nm
Body Material & Plating	Beryllium Copper, Gold	Stainless Steel, Gold
Body Plating Spec.	50μ in. minimum	MIL-G-45204, Type II, Class
1		

1



### Configuration:

- 2.92mm Male
- 1.85mm Male
- RG-405

Fairview Microwave  
1130 Junction Dr. #100  
Allen, TX 75013  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

## Environmental Specifications

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

## Plotted and Other Data

Notes:

- Values at +25 °C, sea level

## How to Order

Part Number Configuration:

**FMC2930988 - xx uu**

cm = Centimeters

<blank> = Inches

Length

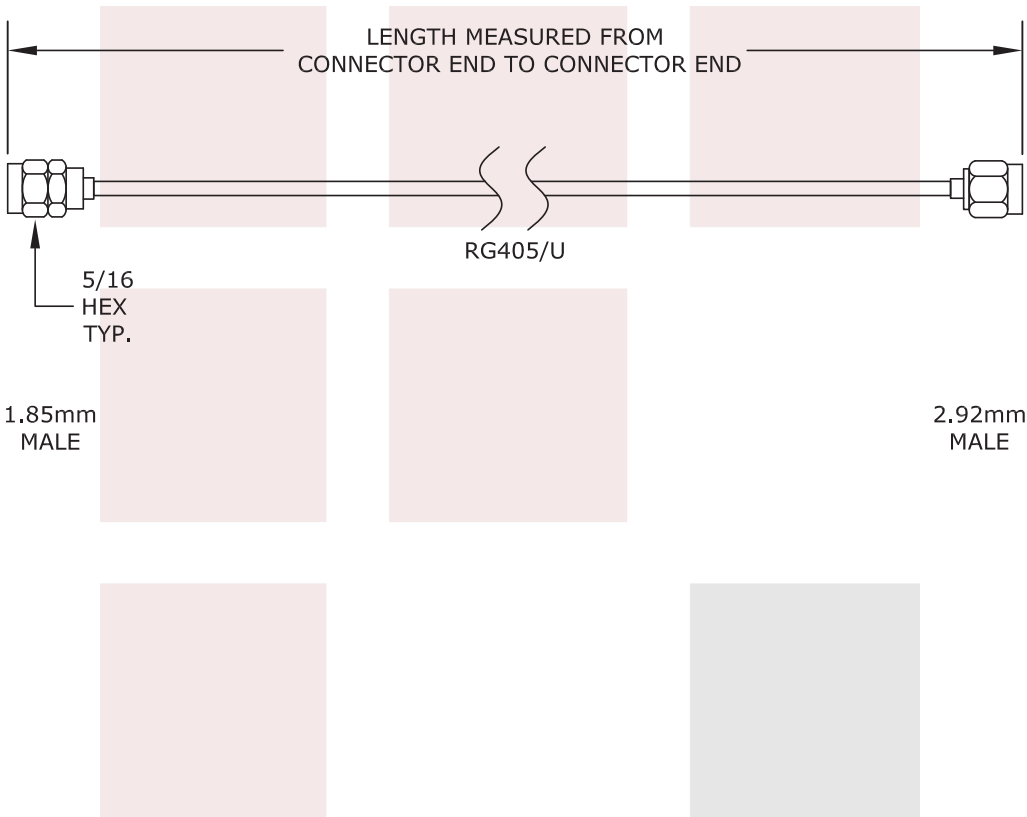
Example: FMC2930988-12 = 12 inches long cable  
 FMC2930988-100cm = 100 cm long cable

2.92mm Male to 1.85mm Male Cable RG405 Coax in 24 Inch 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 1.85mm Male Cable RG405 Coax in 24 Inch FMC2930988-24](http://www.fairviewmicrowave.com/2.92mm-male-1.85mm-male-cable-rg405u-coax-fmc2930988-24-p.aspx)

URL: <http://www.fairviewmicrowave.com/2.92mm-male-1.85mm-male-cable-rg405u-coax-fmc2930988-24-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.



<div>FAIRVIEW MICROWAVE INC.</div> <div>ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM</div>		<div>NOTES:</div> <div>1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.</div> <div>2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.</div> <div>3. DIMENSIONS ARE IN INCHES [mm].</div>			
<div>TITLE</div> <div>2.92mm Male to 1.85mm Male Cable RG405 Coax in 24 Inch</div>	<div>DWG NO</div> <div>FMC2930988</div>		<div>CAGE CODE</div> <div>3FKR5</div>		
	<div>CAD FILE</div> <div>061215</div>	<div>SHEET</div> <div></div>	<div>SCALE</div> <div>N/A</div>	<div>SIZE</div> <div>A</div>	<div></div> <div>2233</div>