

2.92mm Male to 1.85mm Male Cable RG405 Coax

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/ft [1.70 dB/m]	0.678 dB/ft [2.22 dB/m]	1.4 dB/ft [4.59 dB/m]		
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

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



Configuration:

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

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Environmental Specifications

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

Plotted and Other Data

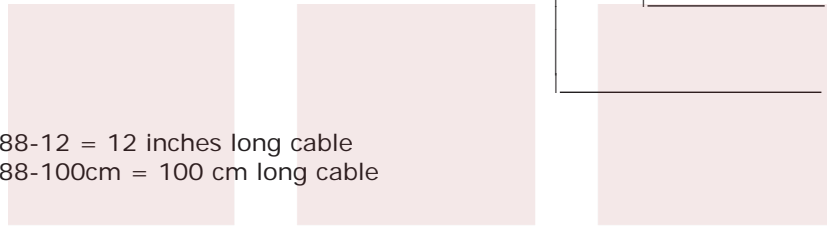
Notes:

- Values at +25 °C, sea level

How to Order

Part Number Configuration:

FMC2930988 - xx uu



cm = Centimeters
 <blank> = Inches
 Length

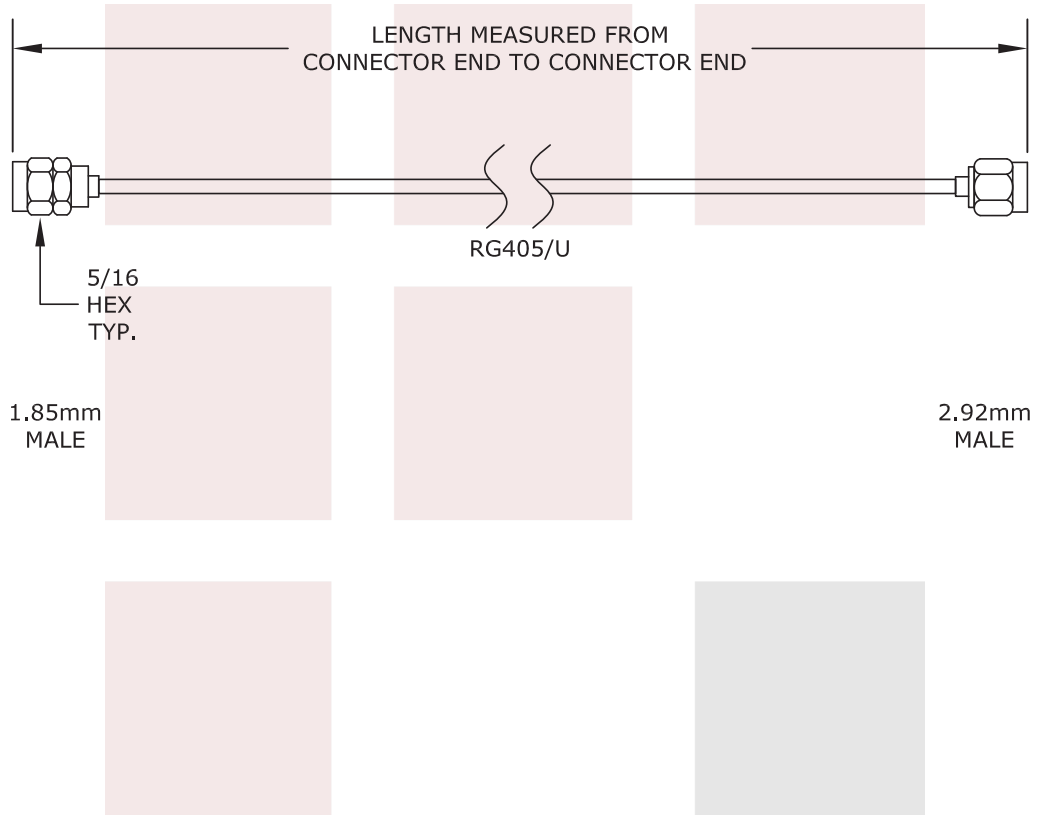
Example: FMC2930988-12 = 12 inches long cable
 FMC2930988-100cm = 100 cm long cable

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

URL: <http://www.fairviewmicrowave.com/2.92mm-male-1.85mm-male-cable-rg405u-coax-fmc2930988-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 2.92mm Male to 1.85mm Male Cable RG405 Coax		DWG NO FMC2930988		CAGE CODE 3FKR5	
CAD FILE	061215	SHEET	SCALE	N/A	SIZE A 2233