

**2.92mm Male to 2.92mm Male Cable RG405 Coax in 6 Inch**

**Electrical Specifications**

| Description     | Min | Typ          | Max    | Units        |
|-----------------|-----|--------------|--------|--------------|
| Frequency Range | DC  |              | 40     | GHz          |
| VSWR            |     |              | 1.35:1 |              |
| Capacitance     |     | 29.7 [97.44] |        | pF/ft [pF/m] |

**Mechanical Specifications**

**Cable Assembly**

|          |                     |
|----------|---------------------|
| Length*  | 6 in [152.4 mm]     |
| Diameter | 0.86 in [21.84 mm]  |
| Weight   | 0.033 lbs [14.97 g] |

**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                | 2.92mm Male                |
| Impedance                       | 50 Ohms                    | 50 Ohms                    |
| Contact Material & Plating      | Beryllium Copper, Gold     | Beryllium Copper, Gold     |
| Contact Plating Spec.           | 50µ in. minimum            | 50µ in. minimum            |
| Dielectric Type                 | PTFE                       | PTFE                       |
| Body Material & Plating         | Beryllium Copper, Gold     | Beryllium Copper, Gold     |
| Body Plating Spec.              | 50µ in. minimum            | 50µ in. minimum            |
| 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]          |

**Mechanical Specification Notes:**

\*All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

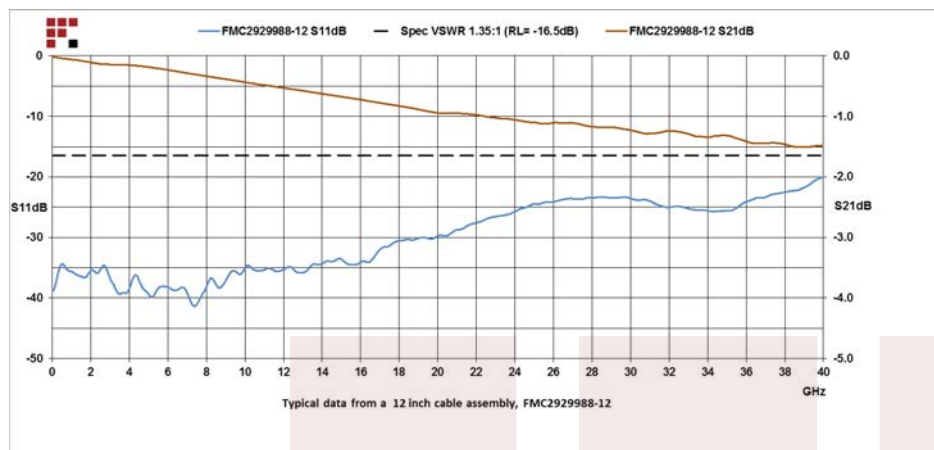


**Configuration:**

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

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC2929988 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

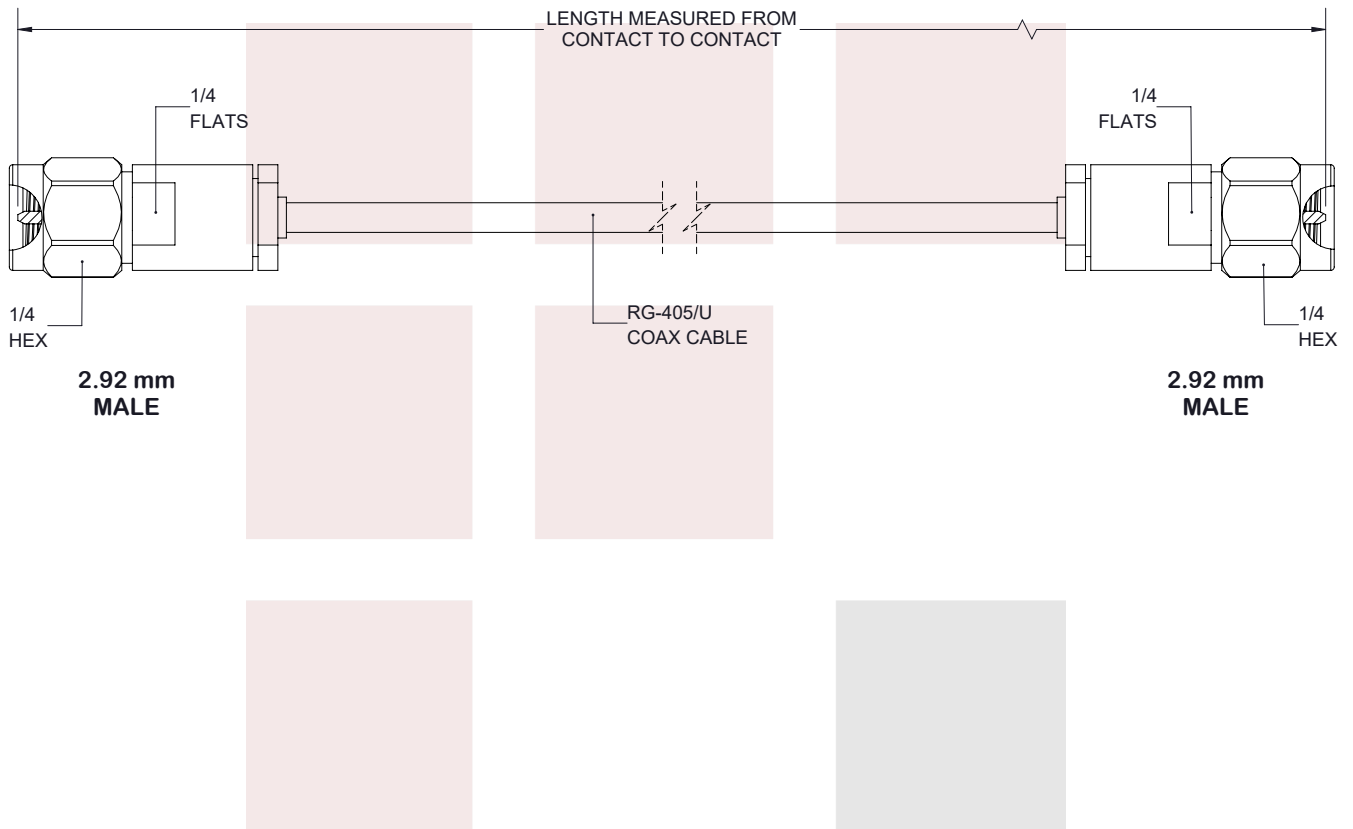
Example: FMC2929988-12 = 12 inches long cable  
 FMC2929988-100cm = 100 cm long cable

2.92mm Male to 2.92mm Male Cable RG405 Coax in 6 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 2.92mm Male Cable RG405 Coax in 6 Inch FMC2929988-06](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-male-2.92mm-male-cable-rg405-coax-fmc2929988-06-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.



| STANDARD TOLERANCES |        |
|---------------------|--------|
| .X                  | ±0.2   |
| .XX                 | ±0.01  |
| .XXX                | ±0.005 |

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

|   |  |   |                 |              |                           |      |
|---|--|---|-----------------|--------------|---------------------------|------|
| <b>FAIRVIEW MICROWAVE INC.</b><br>ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM |  | NOTES:<br>1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.<br>2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.<br>3. DIMENSIONS ARE IN INCHES [mm]. |                 |              |                           |      |
| TITLE<br><br>2.92mm Male to 2.92mm Male Cable RG405 Coax in 6 Inch          |  | DWG NO<br><b>FMC2929988</b>   |                 |              | CAGE CODE<br><b>3FKR5</b> |      |
|   |  | CAD FILE<br>110817  | SHEET<br>1 OF 1 | SCALE<br>N/A | SIZE<br>A                 | 7361 |