

FMCA2976-48 **DATA SHEET**

3.5mm Male to 3.5mm Male Cable Tinned Aluminum RG405 Type .086 Coax in 48 Inch

The 3.5mm male to 3.5mm male 48 inch cable using Tinned Aluminum RG405 type .086 coax, part number FMCA2976-48, from Fairview Microwave is instock and ships same day. This Fairview 3.5mm to 3.5mm cable assembly has a male to male gender configuration with 50 ohm semi-rigid FM-SR086ALTN-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.

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.



Configuration:

- 3.5mm Male
- 3.5mm Male
- FM-SR086ALTN-STR

Applications:

- General Purpose
- Laboratory Use

Mechanical Specifications

Cable Assembly

Length* Weight

Cable

Cable Type **Impedance**

Inner Conductor Type Inner Conductor Material and Plating

Dielectric Type Number of Shields

Shield Layer 1

48 in [121.92 cm] 0.064 lbs [29.03 q]

FM-SR086ALTN-STR

50 Ohms Solid

Copper Clad Steel, Silver

PTFE

Tinned Aluminum

Connectors

Description	Connector 1	Connector 2
Туре	3.5mm Male	3.5mm Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	ASTM-B488, 50µ in. minimu	m ASTM-B488, 50μ in.
minimum		
Dielectric Type	PCTFE	PCTFE
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Body Plating Spec.	SAE-AMS-2700	SAE-AMS-2700
Coupling Nut Material & Plat	ing Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Plating Spec.	SAE-AMS-2700	SAE-AMS-2700
Hex Size	5/16 in.	5/16 in.
Torque	8 in-lbs 0.9 Nm	8 in-lbs 0.9 Nm

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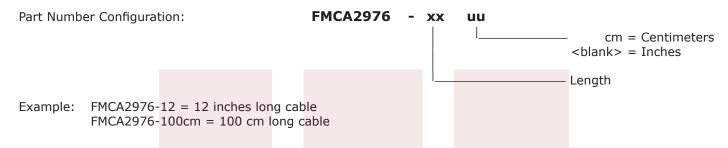
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

· Values at 25°C, sea level.

How to Order



3.5mm Male to 3.5mm Male Cable Tinned Aluminum RG405 Type .086 Coax in 48 Inch 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: 3.5mm Male to 3.5mm Male Cable Tinned Aluminum RG405 Type .086 Coax in 48 Inch FMCA2976-48

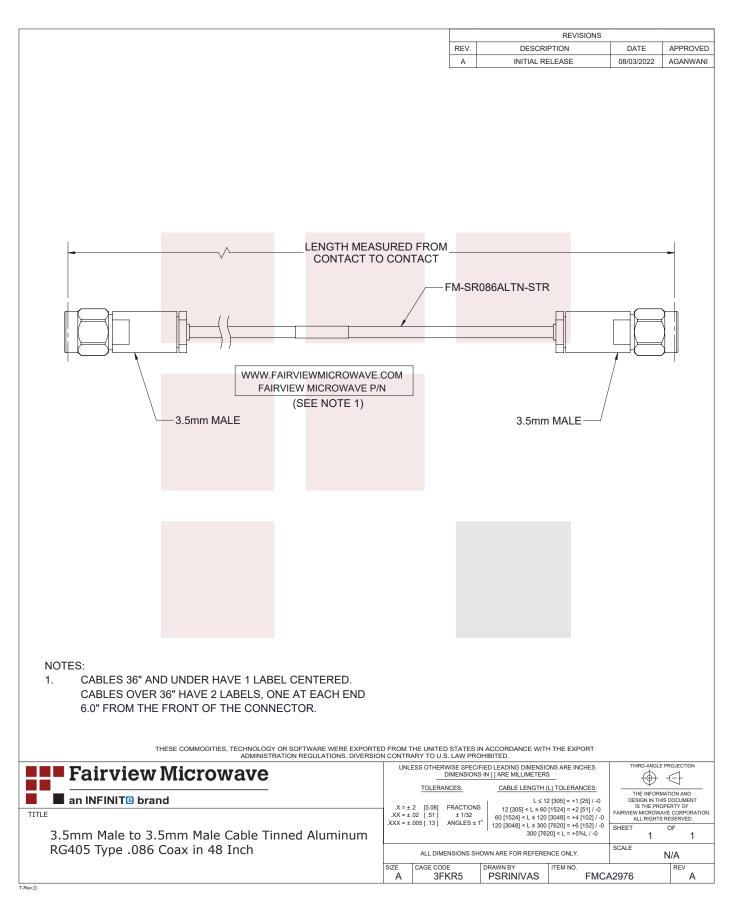
URL: https://www.fairviewmicrowave.com/3.5mm-male-to-3.5mm-male-cable-tinned-aluminum-rg405-type-.086-coax-fmca2976-48-p.aspx

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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