

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 in-stock 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* 48 in [121.92 cm]
 Weight 0.064 lbs [29.03 g]

Cable

Cable Type FM-SR086ALTN-STR
 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 Tinned Aluminum

Connectors

| Description | Connector 1 | Connector 2 |
|---------------------------------|----------------------------|----------------------------|
| Type | 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. minimum | 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 & Plating | 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

Part Number Configuration:

FMCA2976 - xx uu

cm = Centimeters
<blank> = Inches

Length

Example: FMCA2976-12 = 12 inches long cable
FMCA2976-100cm = 100 cm long cable

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>

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