

### 3.5mm Male to 3.5mm Male Cable Tinned Aluminum RG405 Type .086 Coax in 150 CM

The 3.5mm male to 3.5mm male 150 cm cable using Tinned Aluminum RG405 type .086 coax, part number FMCA2976-150CM, 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\* 59.06 in [150.01 cm]  
Weight 0.072 lbs [32.66 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 150 CM 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 150 CM FMCA2976-150CM](#)

URL: <https://www.fairviewmicrowave.com/3.5mm-male-to-3.5mm-male-cable-tinned-aluminum-rg405-type-.086-coax-fmca2976-150cm-p.aspx>

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