

## QMA Male to QMA Male Cable Tinned Aluminum RG405 Type .086 Coax in 48 Inch

The QMA male to QMA male 48 inch cable using Tinned Aluminum RG405 type .086 coax, part number FMCA2982-48, from Fairview Microwave is in-stock and ships same day. This Fairview QMA to QMA 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.

### Mechanical Specifications

#### Cable Assembly

Length*	48 in [121.92 cm]
Weight	0.058 lbs [26.31 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
Outer Conductor Material and Plating	Tinned Aluminum
Repeated Minimum Bend Radius	0.05 in [1.27 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	QMA Male	QMA Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Gold	Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Gold	Brass, Gold
Coupling Nut Material & Plating	Brass, Nickel	Brass, Nickel

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

### Plotted and Other Data

Notes:



### Configuration:

- QMA Male
- QMA Male
- FM-SR086ALTN-STR

### Applications:

- General Purpose
- Laboratory Use

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## How to Order

Part Number Configuration:

**FMCA2982 - xx uu**

cm = Centimeters

<blank> = Inches

Length

Example: FMCA2982-12 = 12 inches long cable  
FMCA2982-100cm = 100 cm long cable

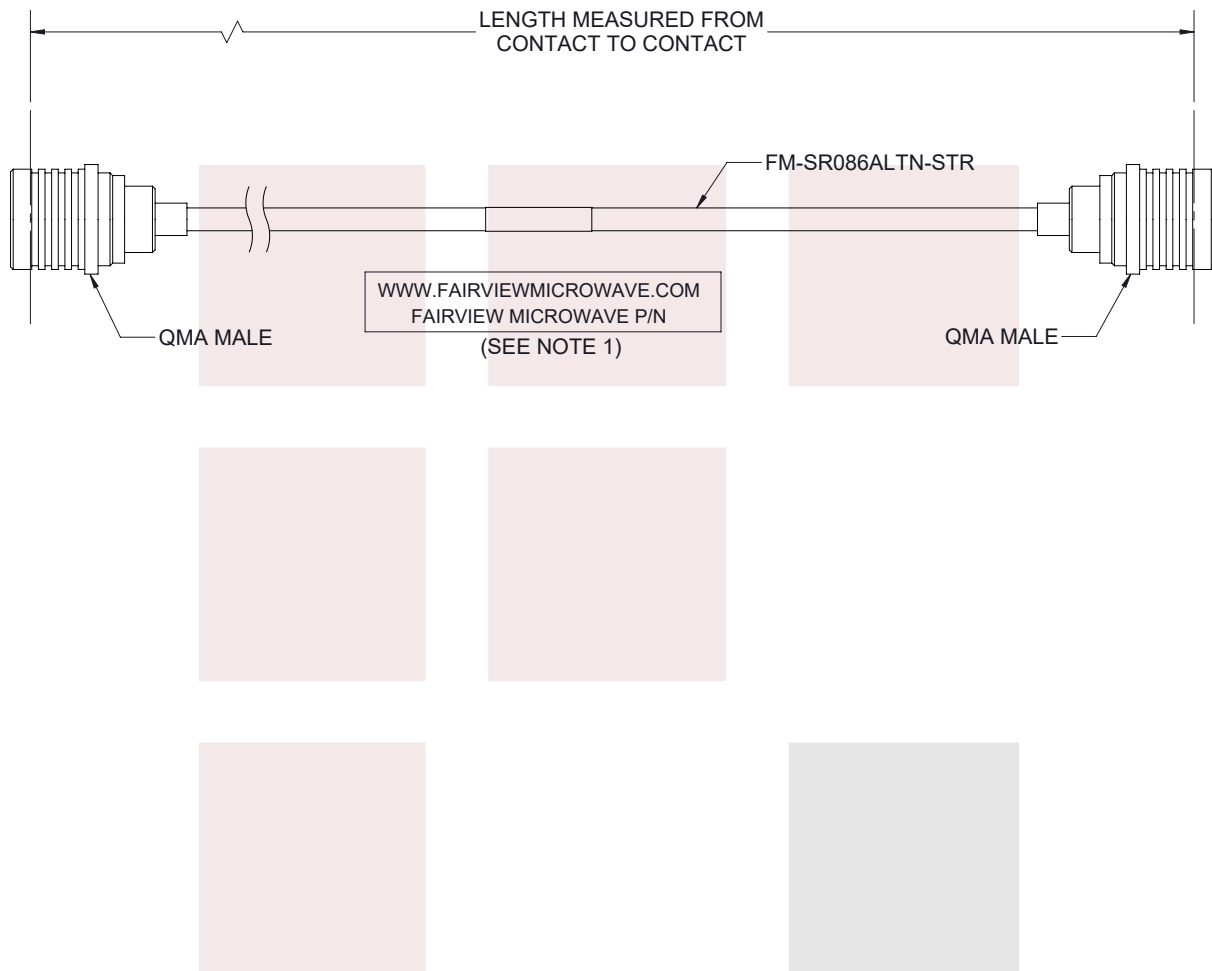
QMA Male to QMA Male Cable Tinned Aluminum RG405 Type .086 Coax in 48 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [QMA Male to QMA Male Cable Tinned Aluminum RG405 Type .086 Coax in 48 Inch FMCA2982-48](https://www.fairviewmicrowave.com/qma-male-to-qma-male-cable-tinned-aluminum-rg405-type-.086-coax-fmca2982-48)

URL: <https://www.fairviewmicrowave.com/qma-male-to-qma-male-cable-tinned-aluminum-rg405-type-.086-coax-fmca2982-48-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.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	8/4/2022	AGANWANI



**NOTES:**

1. CABLES 36" AND UNDER HAVE 1 LABEL CENTERED.  
CABLES OVER 36" HAVE 2 LABELS, ONE AT EACH END  
6.0" FROM THE FRONT OF THE CONNECTOR.

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TITLE

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

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

**TOLERANCES:**

.X = ±.2 [5.08] FRACTIONS  
.XX = ±.02 [.51] ± 1/32  
.XXX = ±.005 [.13] ANGLES ± 1°

**CABLE LENGTH (L) TOLERANCES:**

L ≤ 12 [305] = +1 [25] / -0  
12 [305] < L ≤ 60 [1524] = +2 [51] / -0  
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0  
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0  
300 [7620] < L = +5%L / -0

**THIRD-ANGLE PROJECTION**



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SHEET 1 OF 1

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY PSRINIVAS	ITEM NO. FMCA2982	REV A
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