

## QMA Male to QMA Male Right Angle Cable Using RG405 Coax in 12 Inch Length

The QMA male to RA QMA male 12 inch cable using RG405 type .086 coax, part number FMCA2927-12, 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-SR086CU-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. The right angle QMA interface on the FM-SR086CU-STR cable allows for easier connections in tight spaces.

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*	12 in [304.8 mm]
Weight	0.041 lbs [18.6 g]

#### Cable

Cable Type	FM-SR086CU-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	Copper

#### Connectors

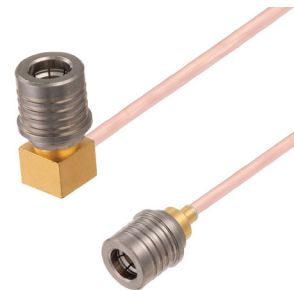
Description	Connector 1	Connector 2
Type	QMA Male	QMA Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Gold	Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Gold	Brass, Gold
Coupling Nut Material & Plating	Brass, Nickel	Brass, Nickel

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

### Plotted and Other Data

Notes:

- Values at 25°C, sea level.



### Configuration:

- QMA Male
- QMA Male Right Angle
- FM-SR086CU-STR

### Applications:

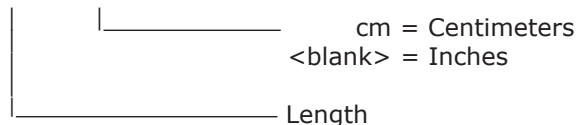
- General Purpose
- Laboratory Use

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### How to Order

Part Number Configuration:

**FMCA2927 - xx uu**



Example: FMCA2927-12 = 12 inches long cable  
FMCA2927-100cm = 100 cm long cable

QMA Male to QMA Male Right Angle Cable Using RG405 Coax in 12 Inch Length 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 Right Angle Cable Using RG405 Coax in 12 Inch Length FMCA2927-12](#)

URL: <https://www.fairviewmicrowave.com/qma-male-to-ra-qma-male-cable-rg405-type-.086-coax-fmca2927-12-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	07/26/2022	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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Fairview Microwave

an INFINITE brand

TITLE

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

TOLERANCES:

CABLE LENGTH (L) TOLERANCES:

$.X = \pm .2$ [5.08]	FRACTIONS	$L \leq 12$ [305] = $\pm 1$ [25] / -0
$.XX = \pm .02$ [.51]	$\pm 1/32$	$12$ [305] < $L \leq 60$ [1524] = $\pm 2$ [51] / -0
$.XXX = \pm .005$ [.13]	ANGLES $\pm 1^\circ$	$60$ [1524] < $L \leq 120$ [3048] = $\pm 4$ [102] / -0
		$120$ [3048] < $L \leq 300$ [7620] = $\pm 6$ [152] / -0
		$300$ [7620] < $L = \pm 5\%L$ / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY PSRINIVAS	ITEM NO. FMCA2927	REV A
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