

MMCX Plug to RA MMCX Plug Cable Tinned Aluminum RG405 Type .086 Coax in 12 Inch

The MMCX plug to RA MMCX plug 12 inch cable using Tinned Aluminum RG405 type .086 coax, part number FMCA3032-12, from Fairview Microwave is in-stock and ships same day. This Fairview MMCX to MMCX cable assembly has a plug to plug 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. The FMCA3032-12 MMCX plug to MMCX plug cable assembly operates to 6 GHz. The right angle MMCX interface on the FM-SR086ALTN-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.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.5:1	

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2.5	6			GHz
Insertion Loss (Typ.)	0.53	0.62	0.85			dB

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax cable and connectors used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.1 dB for the straight connector and 0.2 dB for the right angle connector.

Mechanical Specifications

Cable Assembly

Length*	12 in [304.8 mm]
Weight	0.015 lbs [6.8 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]



Configuration:

- MMCX Plug
- MMCX Plug Right Angle
- FM-SR086ALTN-STR

Features:

- Max Frequency 6 GHz

Applications:

- General Purpose
- Laboratory Use

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Connectors

Description	Connector 1	Connector 2
Type	MMCX Plug	MMCX Plug
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Phosphor Bronze, Gold over Nickel
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Gold	Brass, Gold over Nickel

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA3032 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

Example: FMCA3032-12 = 12 inches long cable
 FMCA3032-100cm = 100 cm long cable

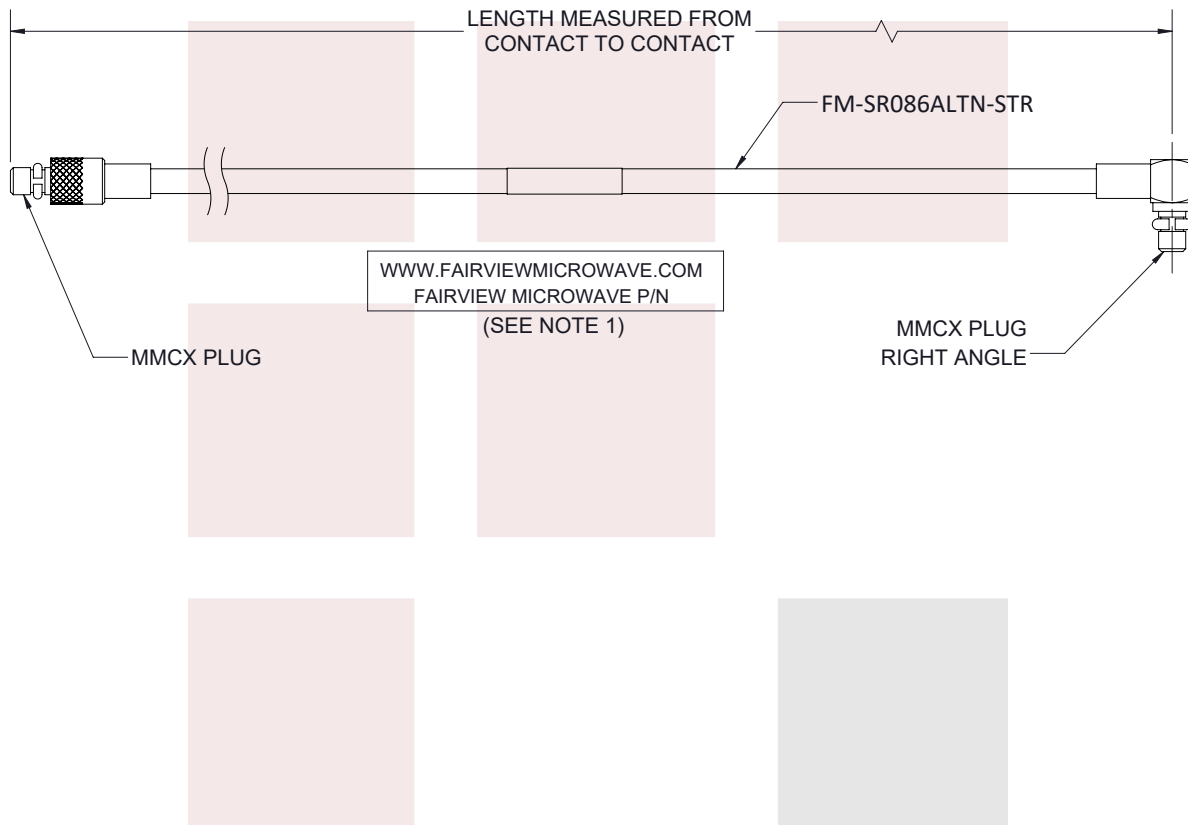
MMCX Plug to RA MMCX Plug Cable Tinned Aluminum RG405 Type .086 Coax in 12 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [MMCX Plug to RA MMCX Plug Cable Tinned Aluminum RG405 Type .086 Coax in 12 Inch FMCA3032-12](#)

URL: <https://www.fairviewmicrowave.com/mmcx-plug-to-ra-mmcx-plug-cable-tinned-aluminum-rg405-type-.086-coax-fmca3032-12-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	08/05/22	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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MMCX Plug to RA MMCX Plug Cable Tinned Aluminum RG405 Type .086 Coax in 12 Inch		CABLE LENGTH (L) TOLERANCES:		SHEET 1 OF 1	
SIZE A		CAGE CODE 3FKR5		SCALE N/A	
DRAWN BY VTHANGARAJ		ITEM NO. FMCA3032		REV A	

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