

Snap-On BMA Jack to Snap-On BMA Jack Cable Tinned Copper RG405 Type .086 Coax in 48 Inch

The BMA jack snap-on to BMA jack snap-on 48 inch cable using Tinned Copper RG405 type .086 coax, part number FMCA3089-48, from Fairview Microwave is in-stock and ships same day. This Fairview BMA to BMA cable assembly has a jack to jack gender configuration with 50 ohm semi-rigid FM-SR086CUTN-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 FMCA3089-48 BMA jack to BMA jack cable assembly operates to 20 GHz.

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		20	GHz
VSWR			1.5:1	

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2	4.5	9	20	GHz
Insertion Loss (Typ.)	1.08	1.32	1.96	3.12	5	dB

Electrical Specification Notes:

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

Mechanical Specifications

Cable Assembly

Length*	48 in [121.92 cm]
Weight	0.067 lbs [30.39 g]

Cable

Cable Type	FM-SR086CUTN-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 Copper

One Time Minimum Bend Radius	0.05 in [1.27 mm]
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Configuration:

- Snap-OnBMA Jack
- Snap-OnBMA Jack
- FM-SR086CUTN-STR

Features:

- Max Frequency 20 GHz
- 1000 Mating Cycles

Applications:

- General Purpose
- Laboratory Use

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Connectors

Description	Connector 1	Connector 2
Type	BMA Jack	BMA Jack
Impedance	50 Ohms	50 Ohms
Connection Method	Snap-On	Snap-On
Mating Cycles	1,000	1,000
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	51.18µ in. minimum	51.18µ in. minimum
Dielectric Type	PTFE	PTFE
Outer Cond Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Body Material & Plating	Stainless Steel, Gold	Stainless Steel, Gold
Body Plating Spec.	19.68µ in. minimum	19.68µ in. minimum

Environmental Specifications
Temperature

Operating Range -40 to +105 deg C

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration: **FMCA3089 - xx uu**

cm = Centimeters
<blank> = Inches
Length

Example: FMCA3089-12 = 12 inches long cable
FMCA3089-100cm = 100 cm long cable

Snap-On BMA Jack to Snap-On BMA Jack Cable Tinned Copper 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: [Snap-On BMA Jack to Snap-On BMA Jack Cable Tinned Copper RG405 Type .086 Coax in 48 Inch FMCA3089-48](#)

URL: <https://www.fairviewmicrowave.com/snap-on-bma-jack-to-snap-on-bma-jack-cable-tinned-copper-rg405-type-.086-coax-fmca3089-48-p.aspx>

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