

RA Mini SMP Female to BNC Female Cable  
RG405 Type .086 Coax in 12 Inch

FMC01215-12



Configuration

- Connector 1: Mini SMP Female Right Angle
- Connector 2: BNC Female
- Cable Type: FM-SR086CUTN
- Coax Flex Type: Semi-Rigid

Applications

- General Purpose
- Laboratory Use

Description

The RA Mini SMP female to BNC female 12 inch cable using RG405 type .086 coax, part number FMC01215-12, from Fairview Microwave is in-stock and ships same day. This Fairview Mini SMP to BNC cable assembly has a female to female gender configuration with 50 ohm semi-rigid FM-SR086CUTN 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 Mini SMP interface on the FM-SR086CUTN 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	0.06 lbs [27.22 g]

Cable

Cable Type	FM-SR086CUTN
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	0
Outer Conductor 1 Material and Plating	Copper, Tin
Jacket Material	White
One Time Minimum Bend Radius	0.05 in [1.27 mm]

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Connectors

Description	Connector 1	Connector 2
Type	Mini SMP Female Right Angle	BNC Female
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Straight
Contact Material and Plating	Beryllium Copper, Gold	
Contact Plating Specification	MIL-G-45204	
Dielectric Type	PTFE	
Outer Conductor Material and Plating	Beryllium Copper, Gold	
Body Material and Plating	Beryllium Copper, Gold	Brass, Nickel
Body Plating Specification	MIL-G-45204	

Environmental Specifications

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

Plotted and Other Data

Notes:

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**FMC01215-12**



### Typical Performance Data

### How to Order

Part Number Configuration:

**FMC01215**

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Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: FMC01215-12 = 12 inches long cable  
FMC01215-100cm = 100 cm long cable

RA Mini SMP Female to BNC Female Cable RG405 Type .086 Coax in 12 Inch from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RA Mini SMP Female to BNC Female Cable RG405 Type .086 Coax in 12 Inch FMC01215-12](#)

URL: <https://www.fairviewmicrowave.com/ra-mini-smp-female-to-bnc-female-cable-rg405-type-.086-coax-in-12-inch-fmc01215-12-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

FMC01215-12 CAD Drawing
RA Mini SMP Female to BNC Female Cable RG405 Type .086 Coax in 12 Inch

