

RA Mini SMP Female to BNC Female Cable RG405 Type .086 Coax in 18 Inch



FMC01215-18

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 18 inch cable using RG405 type .086 coax, part number FMC01215-18, 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 | 18 in [457.2 mm] |
| Weight | 0.065 lbs [29.48 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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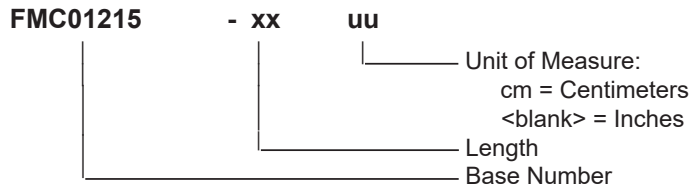


FMC01215-18

Typical Performance Data

How to Order

Part Number Configuration:



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 18 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.

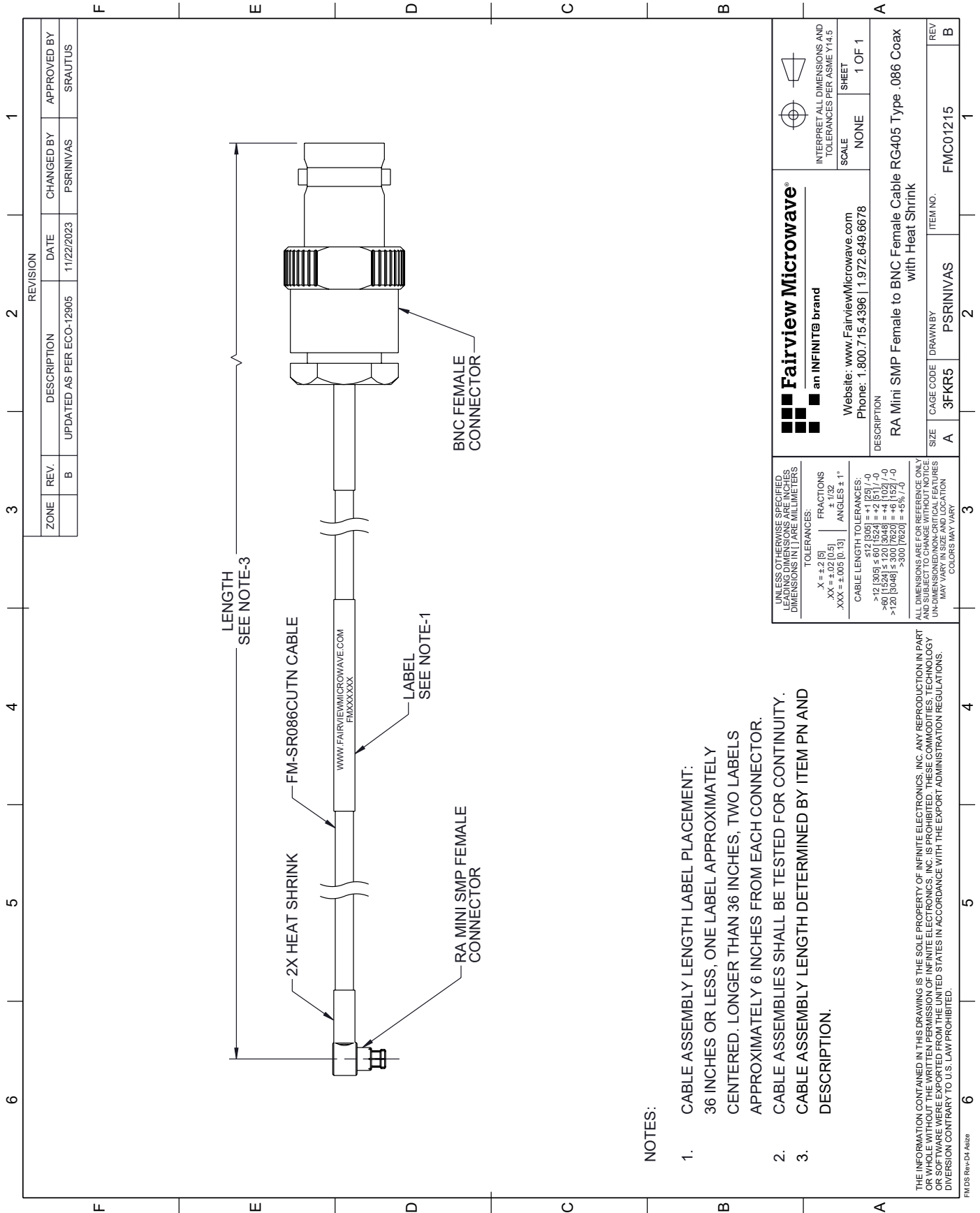
For additional information on this product, please click the following link: [RA Mini SMP Female to BNC Female Cable RG405 Type .086 Coax in 18 Inch FMC01215-18](#)

URL: <https://www.fairviewmicrowave.com/ra-mini-smp-female-to-bnc-female-cable-rg405-type-.086-coax-in-18-inch-fmc01215-18-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.

FMC01215-18 CAD Drawing

RA Mini SMP Female to BNC Female Cable RG405 Type .086 Coax in 18 Inch



NOTES:

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

| | | | | |
|--|------------------------|---|--------------|---|
| <p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN PAREMILLIMETERS</p> <p>TOLERANCES:</p> <p>X = ±.2 [5] FRACTIONS ± 1/32 .XX = ±.02 [0.5] ANGLES ± 1° .XXX = ±.005 [0.13]</p> <p>CABLE LENGTH TOLERANCES:</p> <p>>12 [305] ≤ 60 [1524] = +.1 [25] / -0 >60 [1524] ≤ 120 [3048] = +.4 [102] / -0 >120 [3048] ≤ 300 [7620] = +.8 [203] / -0</p> <p>ALL DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS ON CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.</p> | | <p>Fairview Microwave® an INFINIT® brand</p> <p>Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678</p> | | <p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE NONE</p> <p>SHEET 1 OF 1</p> |
| <p>DESCRIPTION RA Mini SMP Female to BNC Female Cable RG405 Type .086 Coax with Heat Shrink</p> | | <p>ITEM NO. FMC01215</p> | | |
| <p>SIZE A</p> | <p>CAGE CODE 3FKR5</p> | <p>DRAWN BY PSRINIVAS</p> | <p>REV B</p> | |

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