

## N Male to RA MCX Plug Cable RG-316 Coax in 36 Inch

### Electrical Specifications

| Description             | Min         | Typ | Max    | Units        |
|-------------------------|-------------|-----|--------|--------------|
| Frequency Range         | DC          |     | 3      | GHz          |
| VSWR                    |             |     | 1.35:1 |              |
| Velocity of Propagation |             | 70  |        | %            |
| Capacitance             | 32 [104.99] |     |        | pF/ft [pF/m] |

### Mechanical Specifications

#### Cable Assembly

|        |                     |
|--------|---------------------|
| Length | 36 in [914.4 mm]    |
| Weight | 0.039 lbs [17.69 g] |

#### Cable

|                                      |                            |
|--------------------------------------|----------------------------|
| Cable Type                           | RG-316                     |
| Impedance                            | 50 Ohms                    |
| Inner Conductor Type                 | Solid                      |
| Inner Conductor Material and Plating | Copper, Silver             |
| Dielectric Type                      | PTFE                       |
| Number of Shields                    | 1                          |
| Shield Layer 1                       | Silver Plated Copper Braid |
| Jacket Material                      | FEP, Tan                   |
| Jacket Diameter                      | 0.098 in [2.49 mm]         |

### Connectors

| Description                | Connector 1            | Connector 2            |
|----------------------------|------------------------|------------------------|
| Type                       | N Male                 | MCX Plug Right Angle   |
| Impedance                  | 50 Ohms                | 50 Ohms                |
| Configuration              | Straight               | Right Angle            |
| Contact Material & Plating | Beryllium Copper, Gold | Beryllium Copper, Gold |
| Dielectric Type            | PTFE                   | PTFE                   |
| Body Material & Plating    | Brass, Nickel          | Brass, Gold            |
| Body Plating Spec.         |                        | 3μ in. minimum         |

### Environmental Specifications

#### Temperature

|                 |                   |
|-----------------|-------------------|
| Operating Range | -55 to +125 deg C |
|-----------------|-------------------|

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

### Plotted and Other Data

Notes:

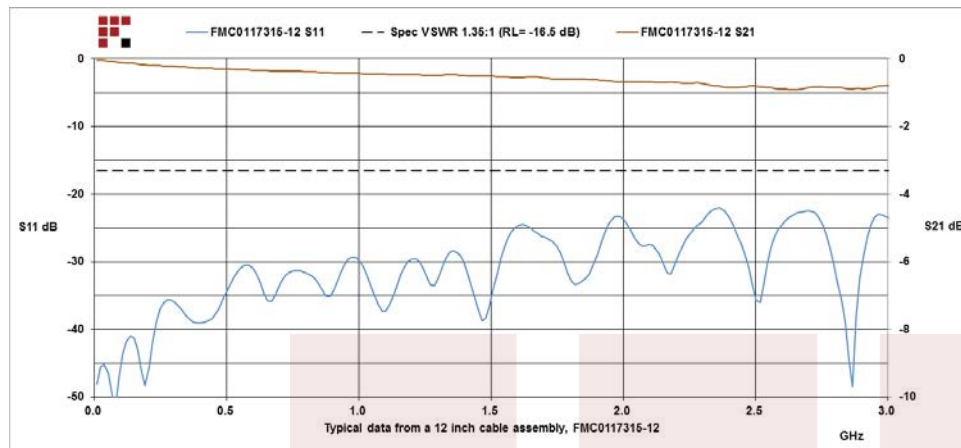


### Configuration:

- N Male
- MCX Plug Right Angle
- RG-316

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### Typical Performance Data



### How to Order

Part Number Configuration:

**FMC0117315 - xx uu**

cm = Centimeters  
<blank> = Inches

Length

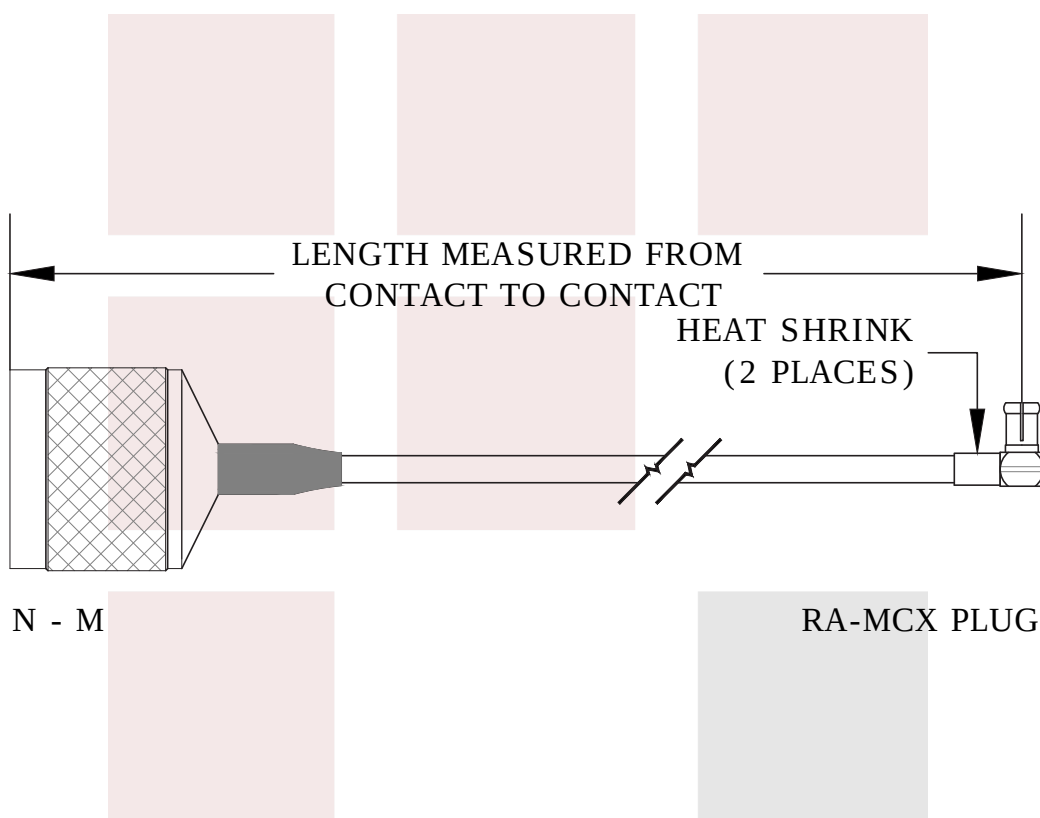
Example: FMC0117315-12 = 12 inches long cable  
FMC0117315-100cm = 100 cm long cable

N Male to RA MCX Plug Cable RG-316 Coax in 36 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [N Male to RA MCX Plug Cable RG-316 Coax in 36 Inch FMC0117315-36](#)

URL: <http://www.fairviewmicrowave.com/n-male-ra-mcx-plug-cable-rg316-coax-fmc0117315-36-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.



|                                                                             |        |                                                                                                                                                                                     |       |                    |             |
|-----------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------|-------------|
| <b>FAIRVIEW MICROWAVE INC.</b><br>ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM |        | NOTES:<br>1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.<br>2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.<br>3. DIMENSIONS ARE IN INCHES [mm]. |       |                    |             |
| TITLE<br>N Male to RA MCX Plug Cable RG-316 Coax in 36 Inch                 |        | DWG NO<br>FMC1717315                                                                                                                                                                |       | CAGE CODE<br>3FKR5 |             |
| CAD FILE                                                                    | 103114 | SHEET                                                                                                                                                                               | SCALE | N/A                | SIZE A 5568 |