

N Male to N Male Cable RG-142 Coax in 12 Inch

Electrical Specifications

| Description | Min | Typ | Max | Units |
|-------------------------|-----|---------------|--------|--------------|
| Frequency Range | DC | | 4 | GHz |
| VSWR | | | 1.35:1 | |
| Velocity of Propagation | | 70 | | % |
| Capacitance | | 29.39 [96.42] | | pF/ft [pF/m] |

Mechanical Specifications

Cable Assembly

Length 12 in [304.8 mm]
 Diameter 0.78 in [19.81 mm]

Cable

Cable Type RG-142
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper Clad Steel, Silver
 Dielectric Type PTFE
 Number of Shields 2
 Shield Layer 1 Silver Plated Copper Braid
 Shield Layer 2 Silver Plated Copper Braid
 Jacket Material FEP, Tan
 Jacket Diameter 0.195 in [4.95 mm]

Connectors

| Description | Connector 1 | Connector 2 |
|----------------------------|---------------|---------------|
| Type | N Male | N Male |
| Impedance | 50 Ohms | 50 Ohms |
| Configuration | Straight | Straight |
| Connection Method | Standard | Standard |
| Contact Material & Plating | Brass, Gold | Brass, Gold |
| Contact Plating Spec. | MIL-G-45204 | MIL-G-45204 |
| Dielectric Type | PTFE | PTFE |
| Body Material & Plating | Brass, Nickel | Brass, Nickel |
| Body Plating Spec. | QQ-N-290 | QQ-N-290 |

Environmental Specifications

Temperature

Operating Range -55 to +200 deg C

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

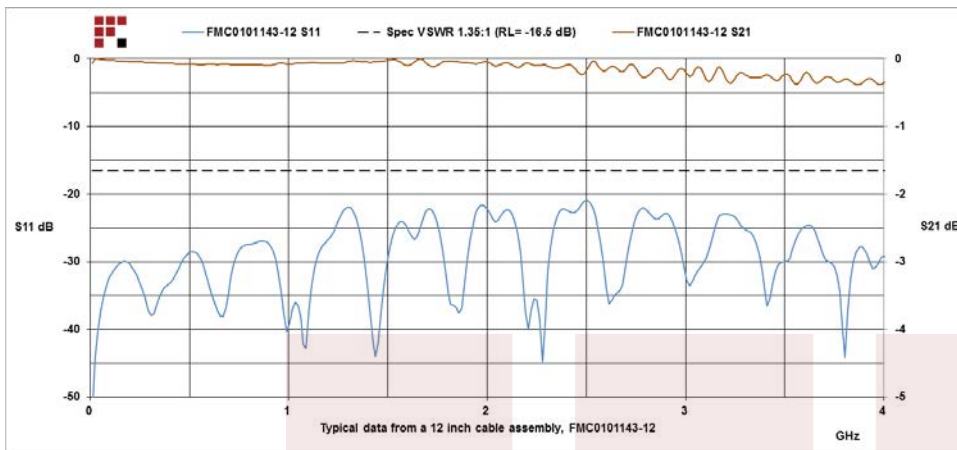


Configuration:

- N Male
- N Male
- RG-142

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0101143 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

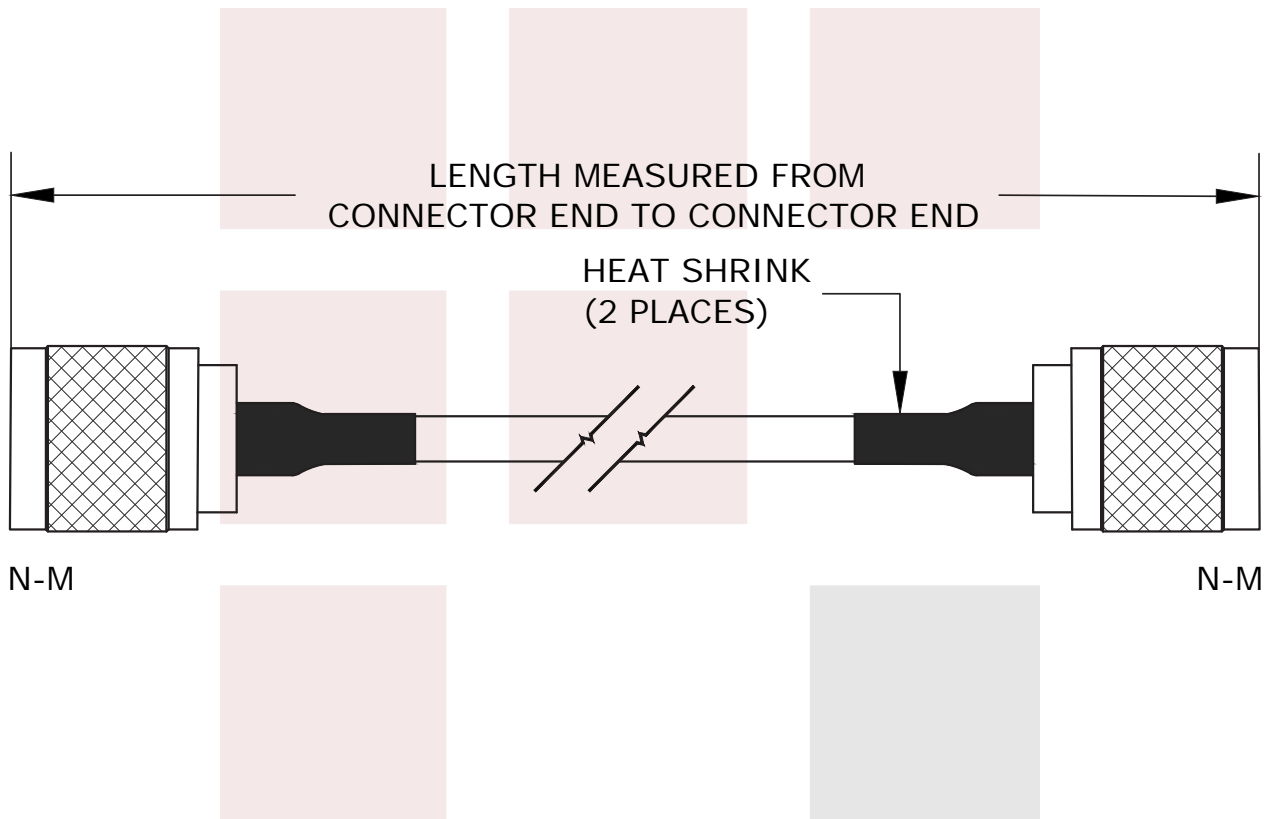
Example: FMC0101143-12 = 12 inches long cable
 FMC0101143-100cm = 100 cm long cable

N Male to N Male Cable RG-142 Coax in 12 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 N Male Cable RG-142 Coax in 12 Inch FMC0101143-12](#)

URL: <http://www.fairviewmicrowave.com/n-male-n-male-cable-rg142-coax-fmc0101143-12-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.



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|---|--------|---|-------|--------------------|-------------|
| FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM | | NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm]. | | | |
| TITLE N Male to N Male Cable RG-142 Coax in 12 Inch | | DWG NO FMC0101143-XX | | CAGE CODE 3FKR5 | |
| CAD FILE | 101014 | SHEET | SCALE | N/A | SIZE A 5568 |