

**N Male to N Male Cable RG-142 Coax in 36 Inch and RoHS Compliant**

**Electrical Specifications**

|                 |             |
|-----------------|-------------|
| Frequency Range | DC to 6 GHz |
| Impedance       | 50 Ohms     |
| Max VSWR        | 1.3:1       |

**Mechanical Specifications**

|             |                  |
|-------------|------------------|
| <b>Size</b> |                  |
| Length      | 36 in [914.4 mm] |
| Cable Color | Tan              |

**Cable**

| Description     | Cable  |
|-----------------|--------|
| Cable Type      | RG-142 |
| Dielectric Type | PTFE   |

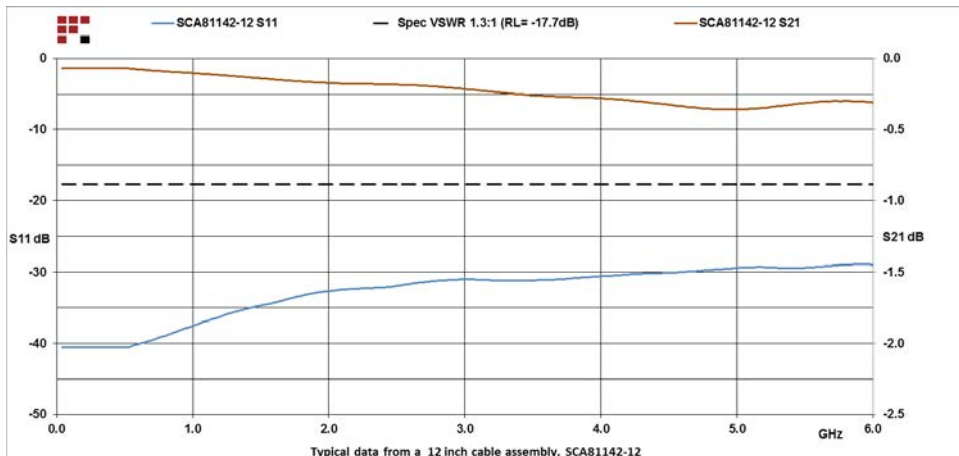
**Connectors**

| Description                        | Connector 1   | Connector 2   |
|------------------------------------|---------------|---------------|
| Type                               | N Male        | N Male        |
| Configuration                      | Straight      | Straight      |
| Inner Conductor Material & Plating | Brass, Gold   | Brass, Gold   |
| Body Material & Plating            | Brass, Nickel | Brass, Nickel |

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

|                               |            |
|-------------------------------|------------|
| RoHS Compliant                | Yes        |
| REACH Compliant               | 06/16/2014 |
| Notes:                        |            |
| • Values at +25 °C, sea level |            |

**Typical Performance Data**



**Configuration:**

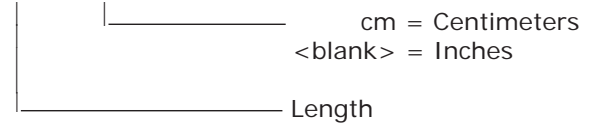
- N Male
- N Male
- RG-142

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**How to Order**

Part Number Configuration:

**SCA81142 - xx uu**



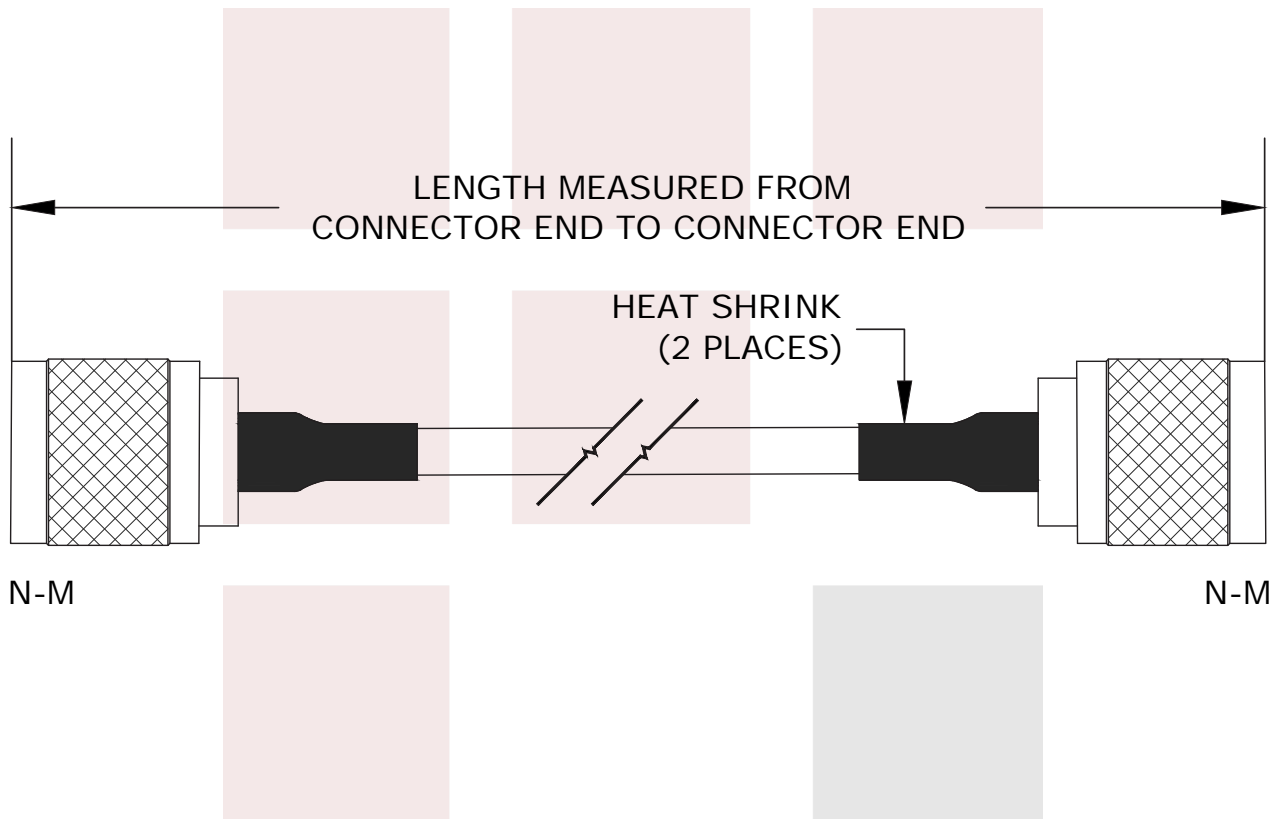
Example: SCA81142-12 = 12 inches long cable  
SCA81142-100cm = 100 cm long cable

N Male to N Male Cable RG-142 Coax in 36 Inch and RoHS Compliant 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 36 Inch and RoHS Compliant SCA81142-36](#)

URL: <http://www.fairviewmicrowave.com/n-male-n-male-cable-rg-142-coax-sca81142-36-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 N Male Cable RG-142 Coax in 36 Inch and RoHS Compliant   |        | DWG NO<br>SCA81142  |       | CAGE CODE<br>3FKR5 |             |
| CAD FILE  | 101014 | SHEET   | SCALE | N/A                | SIZE A 5568 |