

## N Male to 7/16 DIN Male Cable RG-393 Coax in 48 Inch

### Electrical Specifications

| Description             | Min   | Typ     | Max | Units        |
|-------------------------|-------|---------|-----|--------------|
| Frequency Range         | DC    |         | 6   | GHz          |
| Velocity of Propagation |       | 70      |     | %            |
| Capacitance             | 29.39 | [96.42] |     | pF/ft [pF/m] |

### Mechanical Specifications

#### Cable Assembly

|         |                      |
|---------|----------------------|
| Length* | 48 in [121.92 cm]    |
| Weight  | 0.708 lbs [321.14 g] |

#### Cable

|                                      |                            |
|--------------------------------------|----------------------------|
| Cable Type                           | RG-393                     |
| Impedance                            | 50 Ohms                    |
| Inner Conductor Type                 | Stranded                   |
| Inner Conductor Material and Plating | Copper, Silver             |
| Dielectric Type                      | PE                         |
| Number of Shields                    | 2                          |
| Shield Layer 1                       | Silver Plated Copper Braid |
| Shield Layer 2                       | Silver Plated Copper Braid |
| Jacket Material                      | FEP                        |
| Jacket Diameter                      | 0.39 in [9.91 mm]          |

### Connectors

| Description                     | Connector 1      | Connector 2      |
|---------------------------------|------------------|------------------|
| Type                            | N Male           | 7/16 DIN Male    |
| Impedance                       | 50 Ohms          | 50 Ohms          |
| Contact Material & Plating      | Brass, Gold      | Brass, Silver    |
| Contact Plating Spec.           | 50μ" Min         |                  |
| Dielectric Type                 | Teflon           | PTFE             |
| Outer Cond Material & Plating   | Brass, Tri-Metal |                  |
| Body Material & Plating         | Brass, Tri-Metal | Brass, Tri-Metal |
| Coupling Nut Material & Plating |                  | Brass, Tri-Metal |

#### Mechanical Specification Notes:

\*All cable assemblies have a length tolerance of 1.5% or  $\pm 3/8"$ , whichever is greater.

### Environmental Specifications

#### Temperature

|                 |                   |
|-----------------|-------------------|
| Operating Range | -55 to +200 deg C |
|-----------------|-------------------|

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

### Plotted and Other Data

Notes:



### Configuration:

- N Male
- 7/16 DIN Male
- RG-393

Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

## How to Order

Part Number Configuration:

**FMC0115393 - xx uu**

\_\_\_\_\_ cm = Centimeters  
 \_\_\_\_\_ <blank> = Inches  
 \_\_\_\_\_ Length

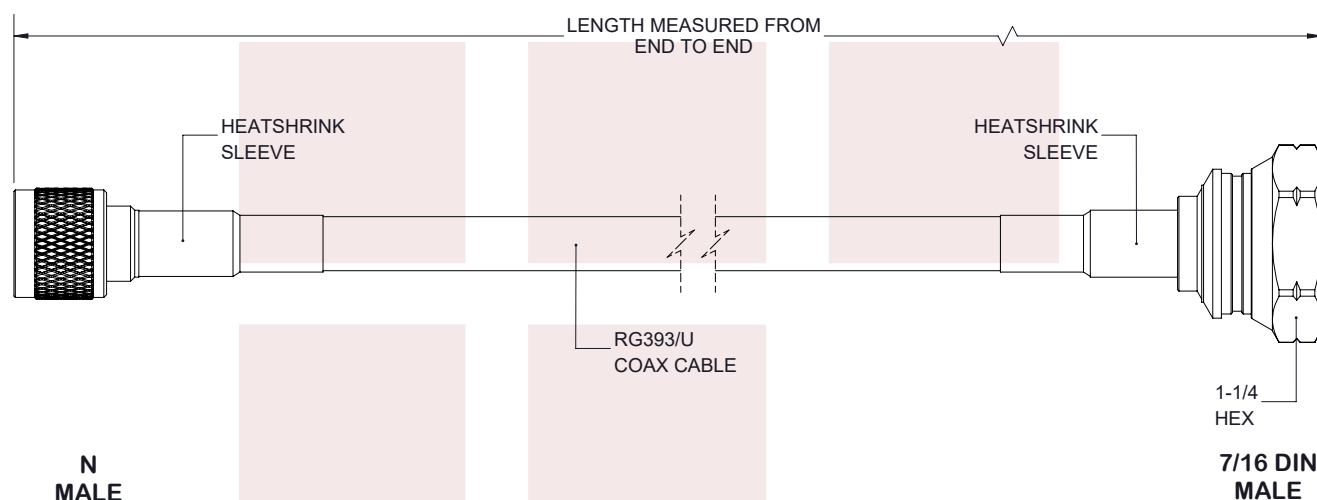
Example: FMC0115393-12 = 12 inches long cable  
 FMC0115393-100cm = 100 cm long cable

N Male to 7/16 DIN Male Cable RG-393 Coax in 48 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 7/16 DIN Male Cable RG-393 Coax in 48 Inch FMC0115393-48](https://www.fairviewmicrowave.com/n-male-7-16-male-cable-rg393-coax-fmc0115393-48-p.aspx)

URL: <https://www.fairviewmicrowave.com/n-male-7-16-male-cable-rg393-coax-fmc0115393-48-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.



**STANDARD TOLERANCES**

.X ±0.2  
.XX ±0.01  
.XXX ±0.005

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES

**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 7/16 DIN Male Cable RG-393 Coax in 48  
Inch

**DWG NO**

FMC0115393

**CAGE CODE**

3FKR5

**CAD FILE**

110817

**SHEET**

1 OF 1

**SCALE**

N/A

**SIZE**

A

7361