

## N Male to N Male Cable Armored 0.32 Coax in 48 Inch

The type N male to type N male 48 inch cable using armored 0.32 coax, part number SCE18010505-48, from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N cable assembly has a male to male gender configuration with 50 ohm flexible armored 0.32 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The SCE18010505-48 type N male to type N male cable assembly operates to 18 GHz.

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.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.35:1	
Insertion Loss			0.36	dB
Velocity of Propagation		80		%

### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	3	5	10		GHz
Insertion Loss (Typ.)	0.08	0.14	0.18	0.25		dB

### Mechanical Specifications

#### Cable Assembly

Length\* 48 in [121.92 cm]  
 Weight 0.619 lbs [280.77 g]

#### Cable

Cable Type Armored 0.32  
 Impedance 50 Ohms



### Configuration:

- N Male
- N Male
- Armored 0.32

### Features:

- Max Frequency 18 GHz
- 80% Phase Velocity

### Applications:

- General Purpose
- Laboratory Use

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**Connectors**

Description	Connector 1	Connector 2
Type	N Male	N Male
Configuration	Straight	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Gold	Gold
Body Material & Plating	Stainless Steel, Passivated	Stainless Steel, Passivated
Coupling Nut Material & Plating	Passivated Stainless Steel	

**Environmental Specifications**
**Temperature**

Operating Range

-55 to +125 deg C

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

**Plotted and Other Data**

Notes:

**How to Order**

Part Number Configuration:

**SCE18010505 - xx uu**

cm = Centimeters

&lt;blank&gt; = Inches

Length

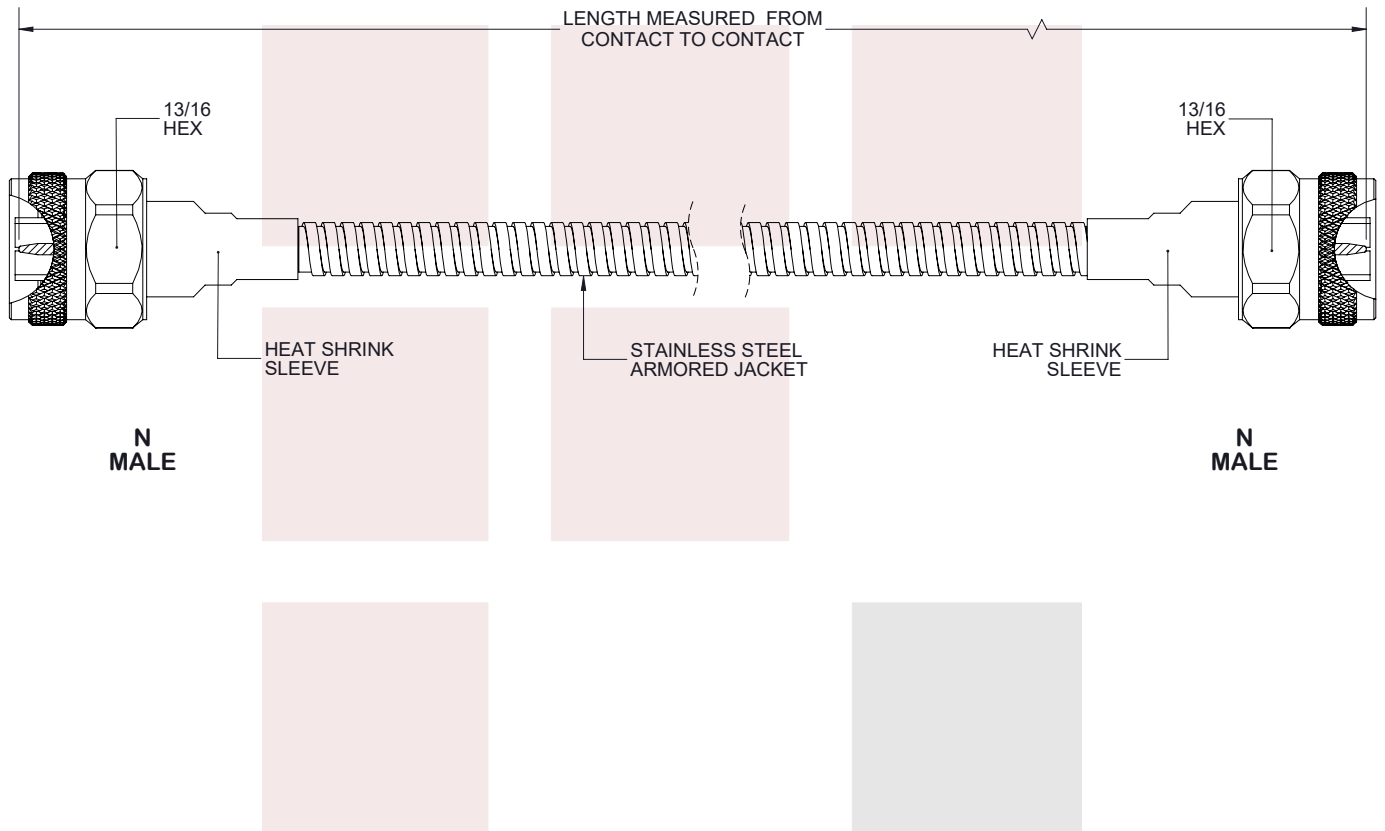
 Example: SCE18010505-12 = 12 inches long cable  
 SCE18010505-100cm = 100 cm long cable

N Male to N Male Cable Armored 0.32 Coax in 48 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave 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 Armored 0.32 Coax in 48 Inch SCE18010505-48](#)

URL: <https://www.fairviewmicrowave.com/n-male-n-male-cable-armored-0.32-coax-sce18010505-48-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

<b>FAIRVIEW MICROWAVE INC.</b> 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 Armored 0.32 Coax in 48 Inch		DWG NO SCE18010505		CAGE CODE 3FKR5	
CAD FILE	091817	SHEET	1 OF 1	SCALE	N/A
		SIZE	A		7361