

N Male to N Male Cable Armored 0.32 Coax

The type N male to type N male cable using armored 0.32 coax, part number SCE18010505, 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 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 1.18 | dB 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/ft |
| | 0.26 | 0.46 | 0.59 | 0.82 | | dB/m |

Mechanical Specifications

Cable Assembly

Length* 0 in [0 mm]

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 | 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

<blank> = Inches

Length

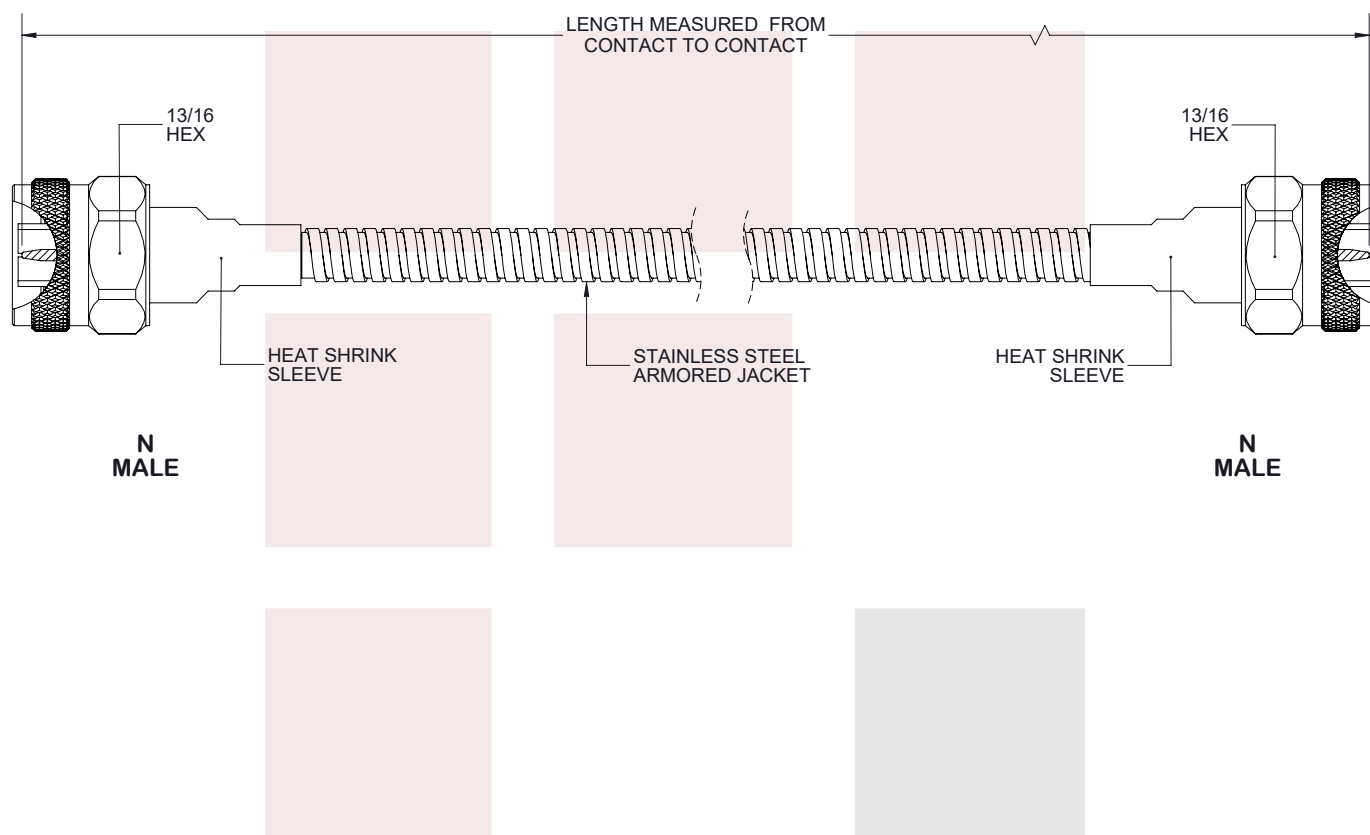
Example: SCE18010505-12 = 12 inches long cable
 SCE18010505-100cm = 100 cm long cable

N Male to N Male Cable Armored 0.32 Coax 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 SCE18010505](#)

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

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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

DWG NO

SCE18010505

CAGE CODE

3FKR5

CAD FILE 091817

SHEET 1 OF 1

SCALE N/A

SIZE A

7361