

N Male to C Female Right Angle Adapter

RA type N male to type C female adapter part number FMAD1294 from Fairview Microwave is in-stock and ships same day. This Fairview type N to type C adapter has a male to female gender configuration. FMAD1294 type N male to type C female adapter operates to 4 GHz. This right angle type N to type C adapter allows for easier connections in tight spaces.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and disconnect cycles is high. An RF, microwave, or millimeter wave adapter is connected to the equipment and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Fairview Microwave also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

| Description | Min | Typ | Max | Units |
|------------------------|-------|-----|-------|-------|
| Frequency Range | DC | | 4 | GHz |
| Operating Voltage (AC) | | | 500 | Vrms |
| DWV (AC) | | | 1,500 | Vrms |
| Insulation Resistance | 5,000 | | | MOhms |

Mechanical Specifications

| | |
|-------------|---------------------|
| Size | |
| Length | 1.300 in [33.0 mm] |
| Width | 0.83 in [21.08 mm] |
| Height | 1.19 in [30.23 mm] |
| Weight | 0.141 lbs [63.96 g] |

| Description | Connector 1 | Connector 2 |
|-------------------------|-------------|-------------|
| Type | N Male | C Female |
| Polarity | Standard | Standard |
| Interface Specification | MIL-STD-348 | MIL-STD-348 |



Configuration:

- N Male Connector 1
- C Female Connector 2
- 50 Ohm
- Right Angle Body Geometry

Features:

- Type N interface meets MIL-STD-348
- Type C interface meets MIL-STD-348
- Contact plating according to QQ-S-365
- Silver Plated Beryllium Copper Contact

Applications:

- Enables Between Series Connections
- General Purpose Test

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Material Specifications

| Description | Connector 1 | Connector 2 |
|-------------------------------|------------------|------------------|
| Type | N Male | C Female |
| Contact Material | Beryllium Copper | Beryllium Copper |
| Contact Plating | Silver | Silver |
| Contact Plating Spec. | QQ-S-365 | QQ-S-365 |
| Insulation Material | PTFE | PTFE |
| Outer Contact Material | | Brass |
| Outer Contact Plating | | Nickel |
| Outer Conductor Contact Spec. | | QQ-S-365 |
| Body Material | Brass | |
| Body Plating | Nickel | |
| Body Plating Spec. | QQ-S-365 | |
| Coupling Nut Material | Brass | |
| Coupling Nut Plating | Nickel | |
| Coupling Nut Plating Spec. | QQ-S-365 | |

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

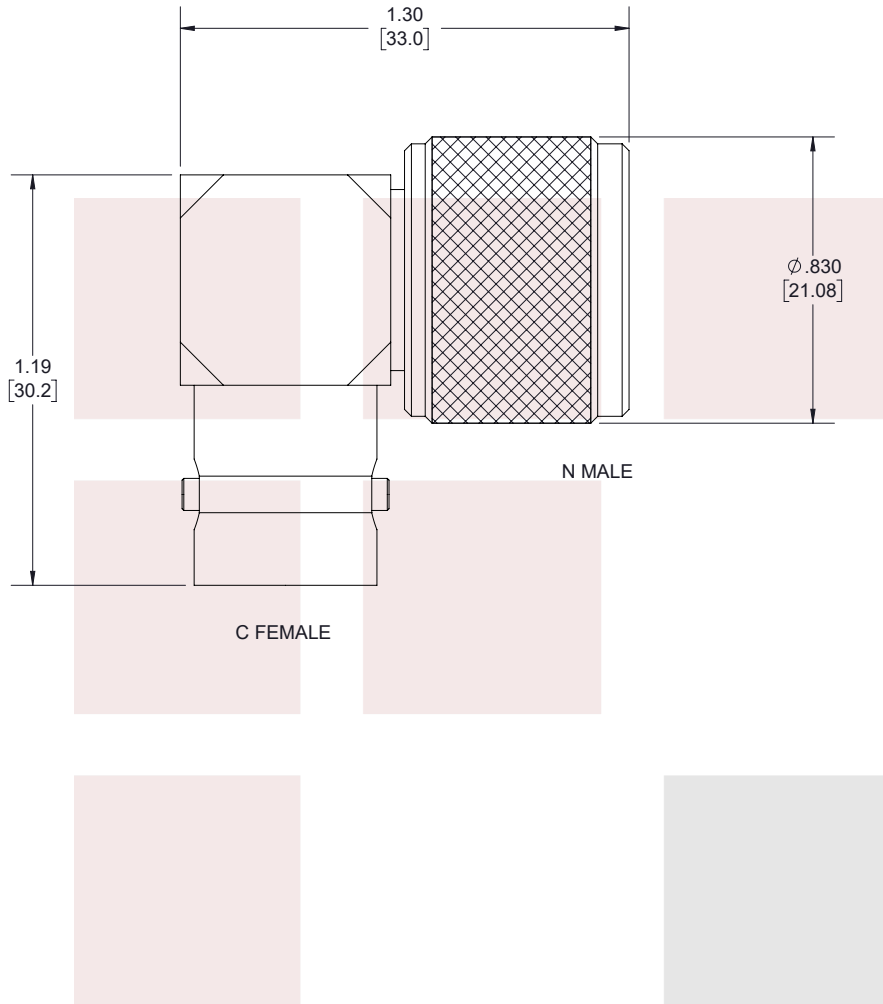
N Male to C Female Right Angle Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male to C Female Right Angle Adapter FMAD1294](#)

URL: <https://www.fairviewmicrowave.com/ra-n-male-to-c-female-adapter-fmad1294-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.

| REVISIONS | | | |
|-----------|-----------------|------------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 03/31/2022 | AGANWANI |



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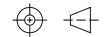
TITLE
N Male to C Female Right Angle Adapter

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

| | | |
|--------------------|-------------|---|
| .X = ±.2 [5.08] | FRACTIONS | L ≤ 12 [305] = +1 [25] / -0 |
| .XX = ±.02 [.51] | ± 1/32 | 12 [305] < L ≤ 60 [1524] = +2 [51] / -0 |
| .XXX = ±.005 [.13] | ANGLES ± 1° | 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 |
| | | 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 |
| | | 300 [7620] < L = +5%L / -0 |

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

| | | | | |
|-----------|--------------------|-----------------------|----------------------|----------|
| SIZE A | CAGE CODE 3FKR5 | DRAWN BY K.GLEBOVA | ITEM NO. FMAD1294 | REV A |
|-----------|--------------------|-----------------------|----------------------|----------|

T-Rev.D