

HN Female to N Female Adapter

HN female to type N female adapter part number SM4630 from Fairview Microwave is in-stock and ships same day. This Fairview HN to type N adapter has a female to female gender configuration. SM4630 HN female to type N female adapter operates to 4 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.3:1 maximum.

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 |
| VSWR | | | 1.3:1 | |

Electrical Specification Notes:
 Values at 25°C, sea level.

Mechanical Specifications

| Size | |
|--------|----------------------|
| Length | 1.76 in [44.7 mm] |
| Width | 0.755 in [19.18 mm] |
| Weight | 0.1275 lbs [57.83 g] |

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

Material Specifications

| Description | Connector 1 | Connector 2 |
|-----------------------------|------------------|------------------|
| Type | HN Female | N 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 | Brass |
| Outer Contact Plating | Nickel | Nickel |
| Outer Contact Plating Spec. | QQ-N-290 | QQ-N-290 |



Configuration:

- HN Female Connector 1
- N Female Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- VSWR of 1.3:1 max up to 4 GHz
- HN interface meets MIL-STD-348
- Type N interface meets MIL-STD-348
- Contact plating according to QQ-S-365
- Silver Plated Contact

Applications:

- Enables Between Series Connections
- General Purpose Test

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Environmental Specifications

Temperature

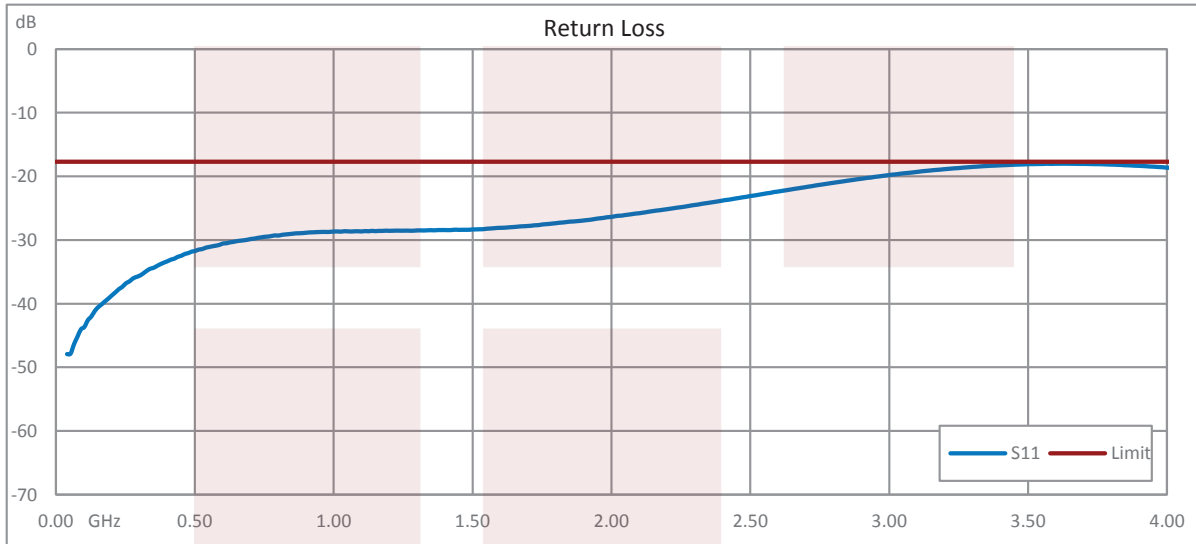
Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

Typical Performance Data

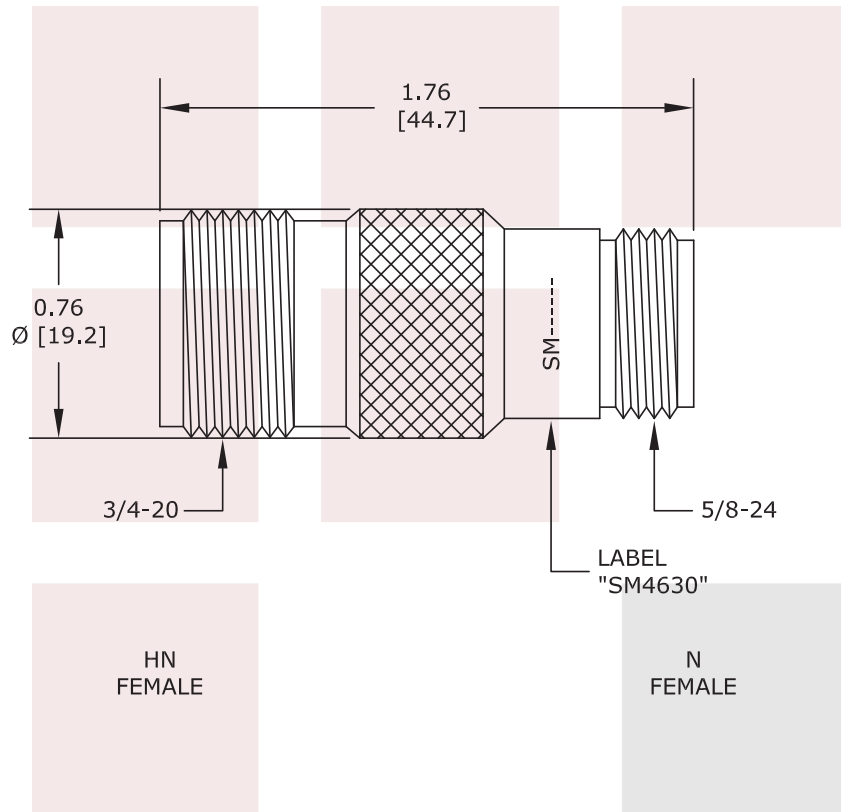


HN Female to N Female Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [HN Female to N Female Adapter SM4630](#)

URL: <https://www.fairviewmicrowave.com/hn-female-n-female-adapter-sm4630-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 | ±0.1 |
| .XXX | ±0.05 |

*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 HN Female to N Female Adapter | | DWG NO SM4630 | | CAGE CODE 3FKR5 | |
| CAD FILE | 102016 | SHEET | SCALE | N/A | SIZE A 2233 |