

10-32 Female to BNC Male Adapter

10-32 female to BNC male adapter part number SM2409 from Fairview Microwave is in-stock and ships same day. This Fairview 10-32 to BNC adapter has a female to male gender configuration. SM2409 10-32 female to BNC male adapter operates to 500 MHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.2:1 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 | | 500 | MHz |
| VSWR | | | 1.2:1 | |

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

Mechanical Specifications

| Size | |
|--------|----------------------|
| Length | 1.1 in [27.94 mm] |
| Width | 0.57 in [14.48 mm] |
| Weight | 0.0345 lbs [15.65 g] |

| Description | Connector 1 | Connector 2 |
|-------------------------|--------------|-------------|
| Type | 10-32 Female | BNC Male |
| Polarity | Standard | Standard |
| Interface Specification | MIL-C-39012 | MIL-STD-348 |



Configuration:

- 10-32 Female Connector 1
- BNC Male Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- VSWR of 1.2:1 max up to 500 MHz
- 10-32 interface meets MIL-C-39012
- BNC interface meets MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Contact

Applications:

- Enables Between Series Connections
- General Purpose Test

Fairview Microwave
 1130 Junction Dr. #100
 Allen, TX 75013
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Material Specifications

| Description | Connector 1 | Connector 2 |
|-----------------------------|------------------|------------------|
| Type | 10-32 Female | BNC Male |
| Contact Material | Beryllium Copper | Beryllium Copper |
| Contact Plating | Gold | Gold |
| Contact Plating Spec. | MIL-G-45204 | MIL-G-45204 |
| Insulation Material | PTFE | PTFE |
| Outer Contact Material | Brass | |
| Outer Contact Plating | Nickel | |
| Outer Contact Plating Spec. | QQ-N-290 | |
| Body Material | | Brass |
| Body Plating | | Nickel |
| Body Plating Spec. | | QQ-N-290 |
| Coupling Nut Material | | Brass |
| Coupling Nut Plating | | Nickel |
| Coupling Nut Plating Spec. | | QQ-N-290 |

Environmental Specifications

Temperature

Operating Range

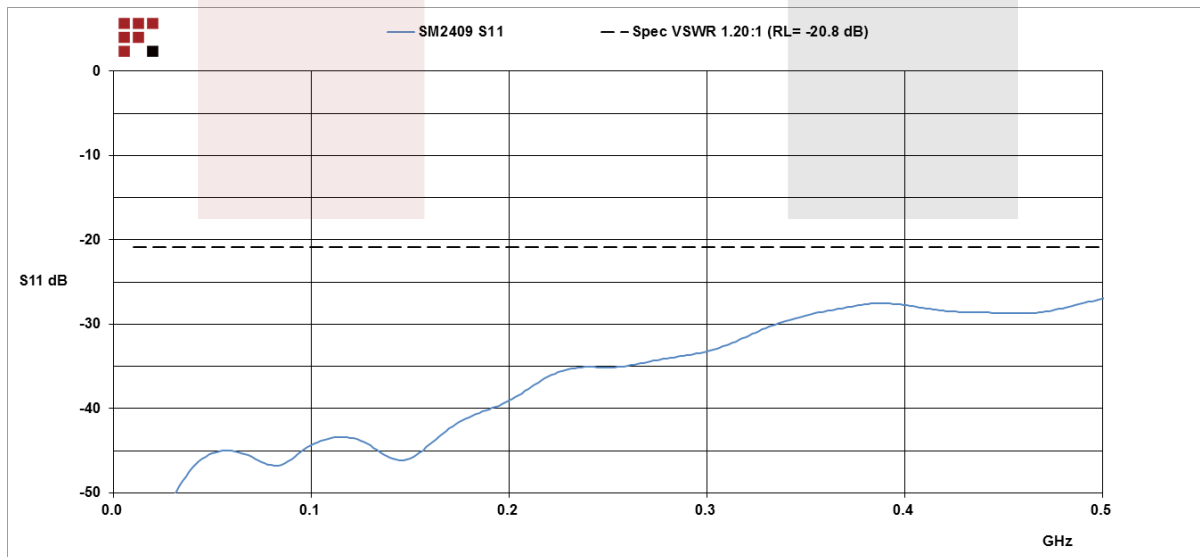
-65 to +165 deg C

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

Plotted and Other Data

Notes:

Typical Performance Data



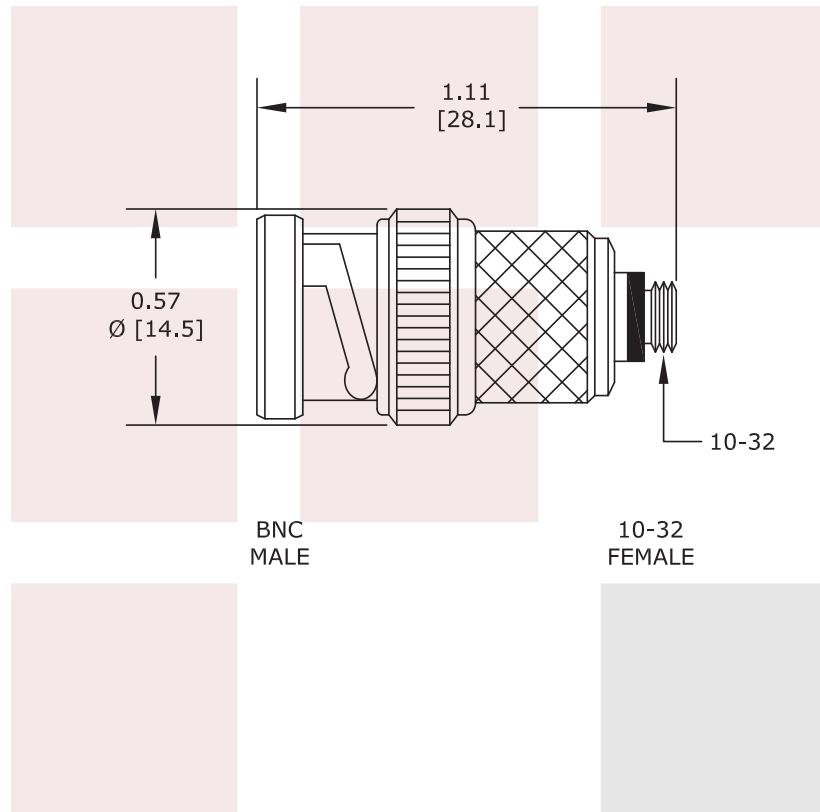
10-32 Female to BNC Male Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [10-32 Female to BNC Male Adapter SM2409](#)

URL: <https://www.fairviewmicrowave.com/10-32-female-bnc-male-adapter-sm2409-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 10-32 Female to BNC Male Adapter | | DWG NO SM2409 | | CAGE CODE 3FKR5 | |
| CAD FILE | 102016 | SHEET | SCALE | N/A | SIZE A 2233 |