

## Push-On BZ Female (Jack) to SMA Female (Jack) Adapter, Passivated Stainless Steel Body

Push-on BZ female to SMA jack adapter part number SM5562 from Fairview Microwave is in-stock and ships same day. This Fairview BZ to SMA adapter has a female to jack gender configuration and is built of durable stainless steel. SM5562 BZ female to SMA jack adapter operates to 2 GHz.

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  |     | 2     | GHz   |
| DWV (AC)        |     |     | 1,000 | Vrms  |

### Mechanical Specifications

|             |                    |
|-------------|--------------------|
| <b>Size</b> |                    |
| Length      | 0.71 in [17.91 mm] |
| Width       | 0.31 in [7.92 mm]  |
| Height      | 0.25 in [6.30 mm]  |
| Weight      | 0.01 lbs [3.86 g]  |

| Description        | Connector 1 | Connector 2 |
|--------------------|-------------|-------------|
| Type               | BZ Female   | SMA Jack    |
| Connection Method  | Push-On     |             |
| Polarity           | Standard    | Standard    |
| Mating Cycles, Min |             | 500         |

### Material Specifications

| Description           | Connector 1                | Connector 2                |
|-----------------------|----------------------------|----------------------------|
| Type                  | BZ Female                  | SMA Jack                   |
| Contact Material      | Beryllium Copper           | Beryllium Copper           |
| Contact Plating       | Gold                       | Gold                       |
| Contact Plating Spec. | MIL-G-45204; AMS-QQ-N-290  | MIL-G-45204; AMS-QQ-N-290  |
| Insulation Material   | PTFE                       | PTFE                       |
| Body Material         | Passivated Stainless Steel | Stainless Steel            |
| Body Plating          | Passivated Stainless Steel | Passivated Stainless Steel |
| Body Plating Spec.    | AMS-QQ-P-35C               |                            |



### Configuration:

- Push-On BZ Female Connector 1
- SMA Jack Connector 2
- 50 Ohm
- Straight Body Geometry

### Features:

- Contact plating according to MIL-G-45204; AMS-QQ-N-290
- Gold Plated Beryllium Copper Contact

### Applications:

- Enables Between Series Connections
- General Purpose Test

Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

## Environmental Specifications

### Temperature

Operating Range -55 to +125 deg C

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

## Plotted and Other Data

Notes:

Push-On BZ Female (Jack) to SMA Female (Jack) Adapter, Passivated Stainless Steel Body 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: [Push-On BZ Female \(Jack\) to SMA Female \(Jack\) Adapter, Passivated Stainless Steel Body SM5562](#)

URL: <https://www.fairviewmicrowave.com/bz-female-sma-jack-adapter-sm5562-p.aspx>

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