

## SMA Female Open Circuit Connector Cap

RF connector dust cap SC2170 from Fairview Microwave is constructed with an SMA connection and has a female gender. This SMA female dust cap is designed as non-shorting and the body is gold plated to ensure its durability. The non-shorting SMA connector cap from Fairview Microwave is in-stock for same day shipment.

RF dust caps are essential for precision connectors to protect them from dust, corrosion and other potential damage especially when using on test and measurement equipment. Some RF connector cap models are designed with a chain to prevent loss or misplacement. Internal shorting connector cap models are available and help to protect equipment from a spike in current commonly caused by ESD (Electro Static Discharge).

### Mechanical Specifications

#### Configuration

Connector SMA Female Non-Shorting  
Chain Option None No Chain

Hex Size 5/16 inch  
Torque 8 in-lbs [0.9 Nm]

Description	Material	Plating
Body	Stainless Steel	Gold

#### Size

Length 0.32 in [8.13 mm]  
Width 0.315 in [8.00 mm]  
Weight 0.007 lbs [3.18 g]



### Features:

- Protects against dust and contaminants
- Protects against physical damage
- Gold Plated Body

### Applications:

- General Purpose Laboratory Use
- Test and Measurement

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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

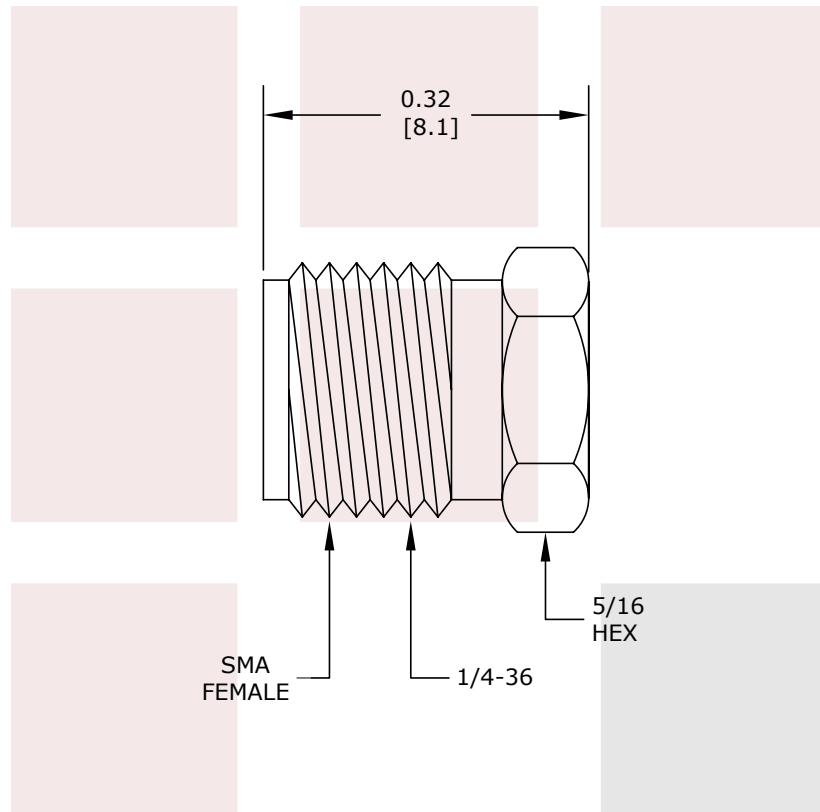
Notes:

SMA Female Open Circuit Connector Cap 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: [SMA Female Open Circuit Connector Cap SC2170](#)

URL: <https://www.fairviewmicrowave.com/sma-female-open-circuit-connector-cap-18-ghz-sc2170-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	
DECIMAL	
.XX	±0.02
.XXX	±0.005

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

<b>FAIRVIEW MICROWAVE INC.</b>		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].			
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		DWG NO <b>SC2170</b>		CAGE CODE <b>3FKR5</b>	
TITLE SMA Female Open Circuit Connector Cap		CAD FILE 051916	SHEET	SCALE N/A	SIZE A 3045