

## MCX Plug Connector Crimp/Solder Attachment For RG178, RG196 Cable

MCX plug connector with crimp/solder attachment for RG178 and RG196, part number SC9417, from Fairview Microwave is in-stock and ships same day. This MCX plug connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1.

Fairview's MCX plug connector SC9417 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.25:1	

### Mechanical Specifications

<b>Size</b>	
Length	0.79 in [20.07 mm]
Width/Dia.	0.192 in [4.88 mm]
Weight	0.0064 lbs [2.9 g]

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-55 to +125 deg C

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

### Plotted and Other Data

Notes:



### Configuration:

- MCX Plug Connector
- CECC 22220
- 50 Ohms
- Straight Body Geometry
- RG178, RG196 Interface Type
- Crimp/Solder Attachment

### Features:

- Operating Frequency of 6 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Brass Contact
- Contact plating according to MIL-G-45204

### Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave  
1130 Junction Dr. #100  
Allen, TX 75013  
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)

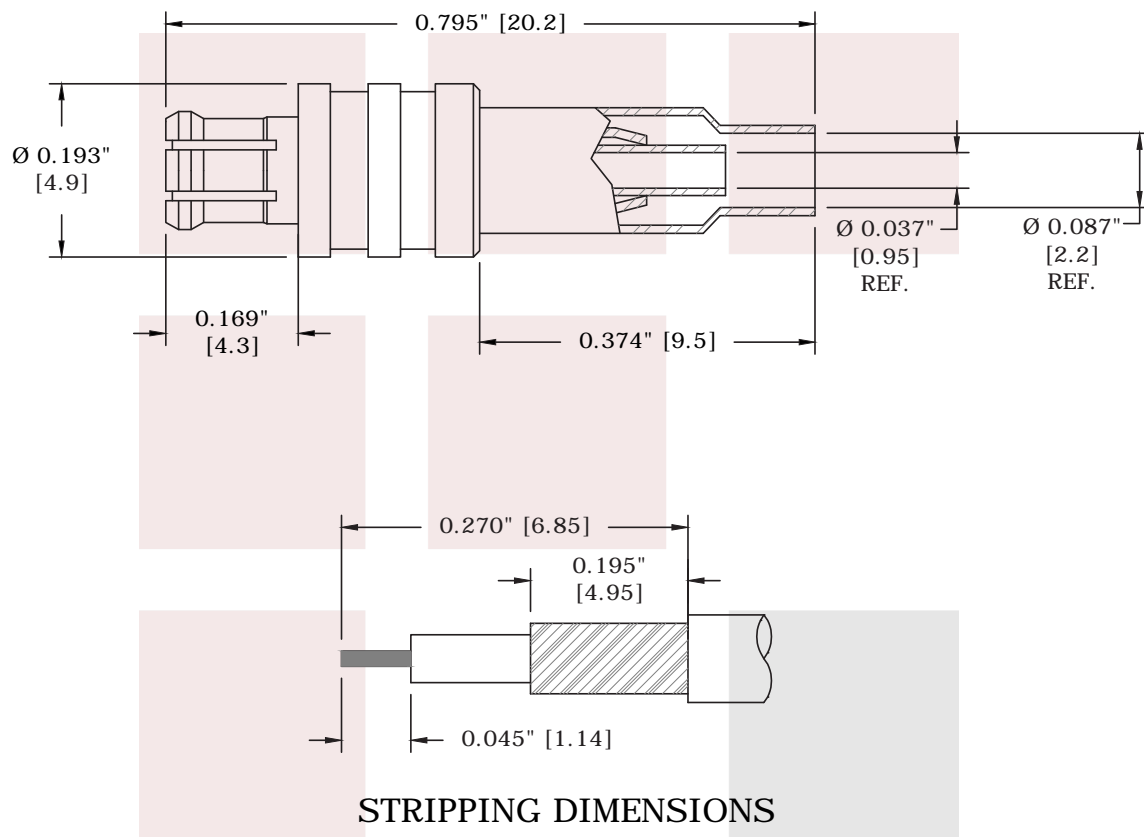
MCX Plug Connector Crimp/Solder Attachment For RG178, RG196 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [MCX Plug Connector Crimp/Solder Attachment For RG178, RG196 Cable SC9417](#)

URL: <https://www.fairviewmicrowave.com/mcx-plug-standard-rg178-connector-sc9417-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.





<b>FAIRVIEW MICROWAVE INC.</b> 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 MCX Plug Connector Crimp/Solder Attachment For RG178, RG196 Cable		DWG NO <b>SC9417</b>		CAGE CODE <b>3FKR5</b>	
		CAD FILE 011415	SHEET	SCALE N/A	SIZE A 5568