

**RF Load 1 Watts To 6 GHz Gold Plated Brass MMCX Plug**

RF termination (also called RF load or dummy load) ST6022 from Fairview Microwave operates from DC to 6 GHz and handles up to 1 Watt (CW). This MMCX termination (or load) has a plug connection type. ST6022 MMCX load termination offers 1.35:1 max VSWR.

RF terminations / loads are critical passive components in many RF, microwave and millimeter wave systems where signal reflection from unused ports can reduce the signal integrity and can potentially damage the device. By terminating an unused port with a matched load (dummy load), the incident energy will be absorbed with minimal reflection. These radio frequency termination components are commonly used to terminate devices such as couplers, circulators, and switches. Loads / terminations are also widely used in measurement systems to ensure accurate results. Fairview offers a large selection of in-stock RF, microwave and millimeter wave terminations up to 65 GHz with great performance over the entire operating range and with power handling capabilities up to 800 Watts (CW).



**Features:**

- DC to 6 GHz Frequency Range
- VSWR 1.35:1 Max
- Max Power 1 Watt (CW)
- MMCX Plug Coaxial Interface

**Applications:**

- Wireless
- SatCom
- Radar Systems
- Test and Measurement
- Commercial and Military Communication

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms
VSWR			1.35:1	
Input Power (CW)			1	Watts

**Mechanical Specifications**

Size	
Length	0.47 in [11.94 mm]
Width	0.2 in [5.08 mm]
Weight	0.0027 lbs [1.22 g]

Configuration	
Connector	MMCX Plug

**Material Specifications**

Description	Material	Plating
Connector 1 Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Gold
Housing	Brass	Gold

**Environmental Specifications**

Temperature	
Operating Range	-45 to +120 deg C

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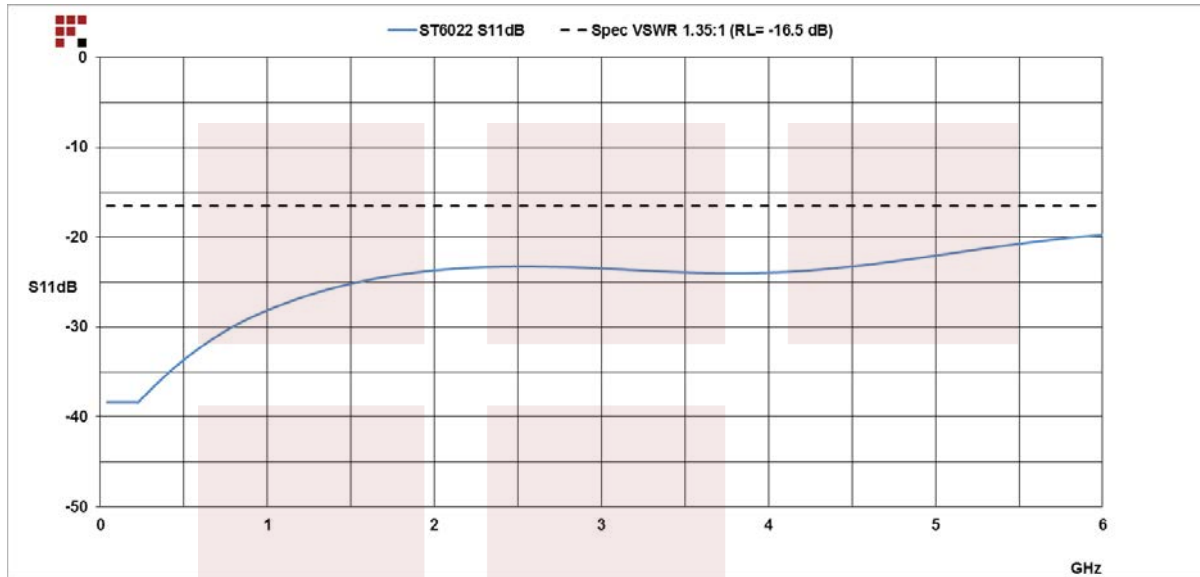
**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant Yes  
 REACH Compliant 12/17/2015

**Plotted and Other Data**

Notes:

**Typical Performance Data**

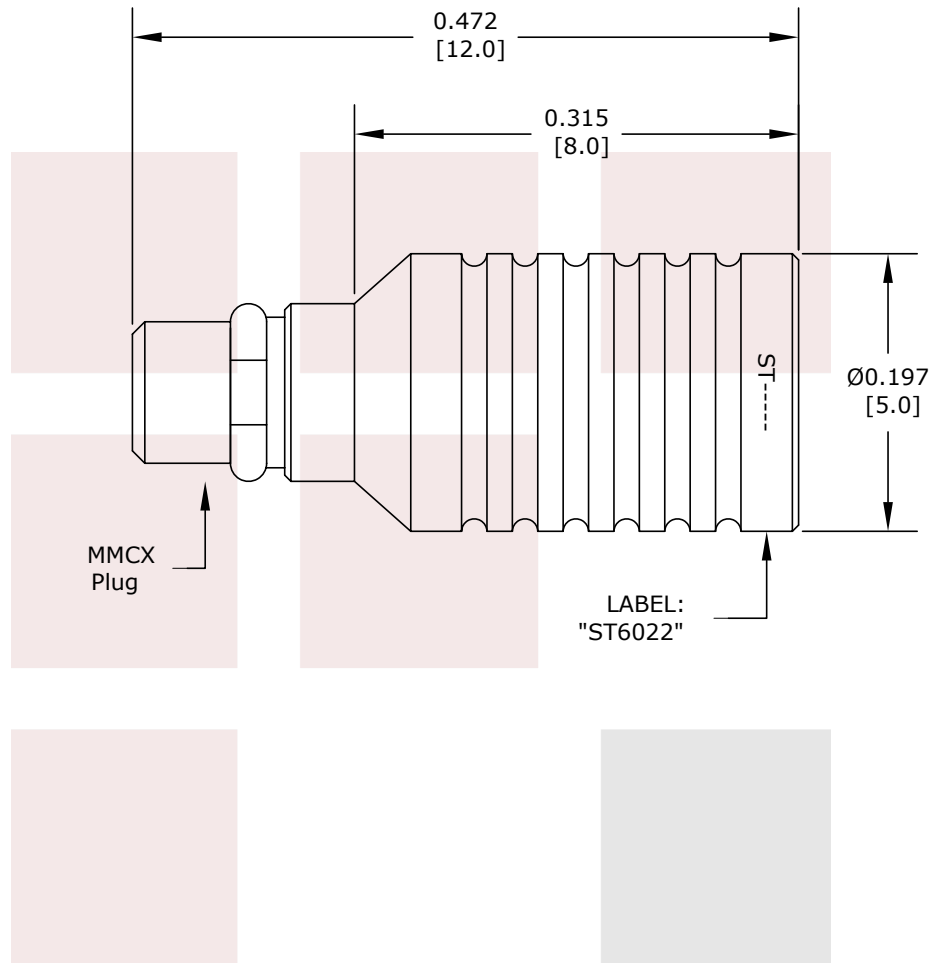


RF Load 1 Watts To 6 GHz Gold Plated Brass MMCX Plug from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RF Load 1 Watts To 6 GHz Gold Plated Brass MMCX Plug ST6022](#)

URL: <https://www.fairviewmicrowave.com/rf-load-1-watts-6-ghz-mmcx-plug-st6022-p.aspx>

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STANDARD TOLERANCES	
DECIMAL	
.XX	±0.20
.XXX	±0.10

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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TITLE RF Load 1 Watts To 6 GHz Gold Plated Brass MMCX Plug	DWG NO	ST6022		CAGE CODE 3FKR5	
	CAD FILE	041316	SHEET	SCALE	N/A SIZE A 3045