

**RF Load 1 Watts To 65 GHz Passivated Stainless Steel 1.85mm Male**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		65	GHz
Impedance		50		Ohms
VSWR			1.6:1	
Input Power (CW)			1	Watts

**Performance by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC - 18	18 - 40	40 - 65			GHz
VSWR, Max	1.25:1	1.4:1	1.6:1			

**Mechanical Specifications**

<b>Size</b>	
Length	0.61 in [15.49 mm]
Width	0.31 in [7.87 mm]
Weight	0.0138 lbs [6.26 g]

**Configuration**

Connector	1.85mm Male
Hex Size	5/16 Inch
Mating Torque	8 in-lbs [0.90 Nm]

**Material Specifications**

Description	Material	Plating
Connector 1 Contact	Beryllium Copper	Gold MIL-PRF-39012
Body	Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel	
Housing	Passivated Stainless Steel	

**Environmental Specifications**

**Temperature**

Operating Range	-55 to +100 deg C
-----------------	-------------------

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

RoHS Compliant	Yes
REACH Compliant	12/17/2015

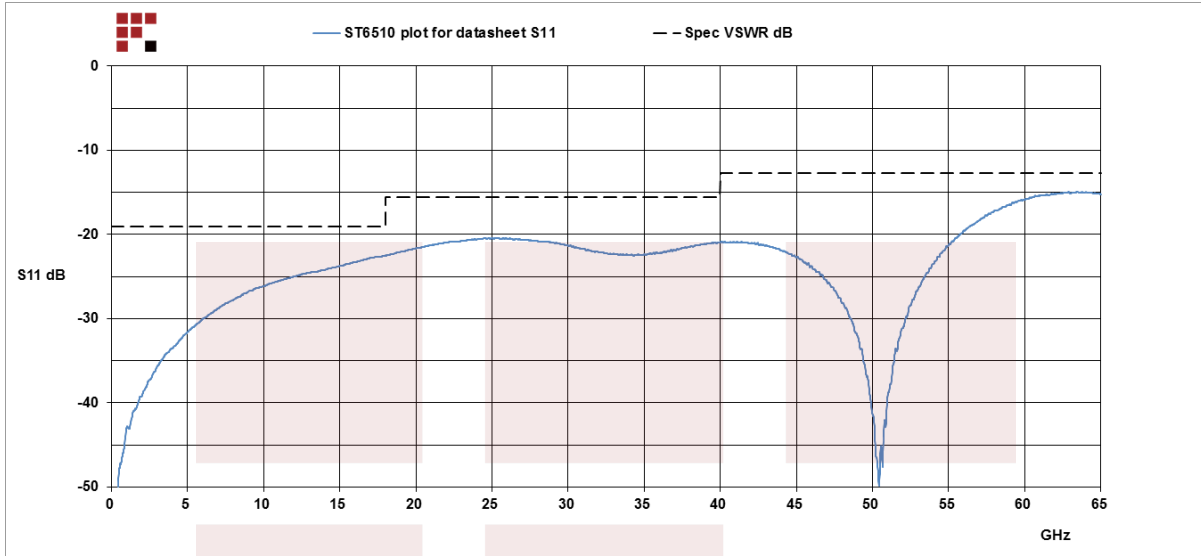


Fairview Microwave  
1130 Junction Dr. #100  
Allen, TX 75013  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Plotted and Other Data**

Notes:

**Typical Performance Data**

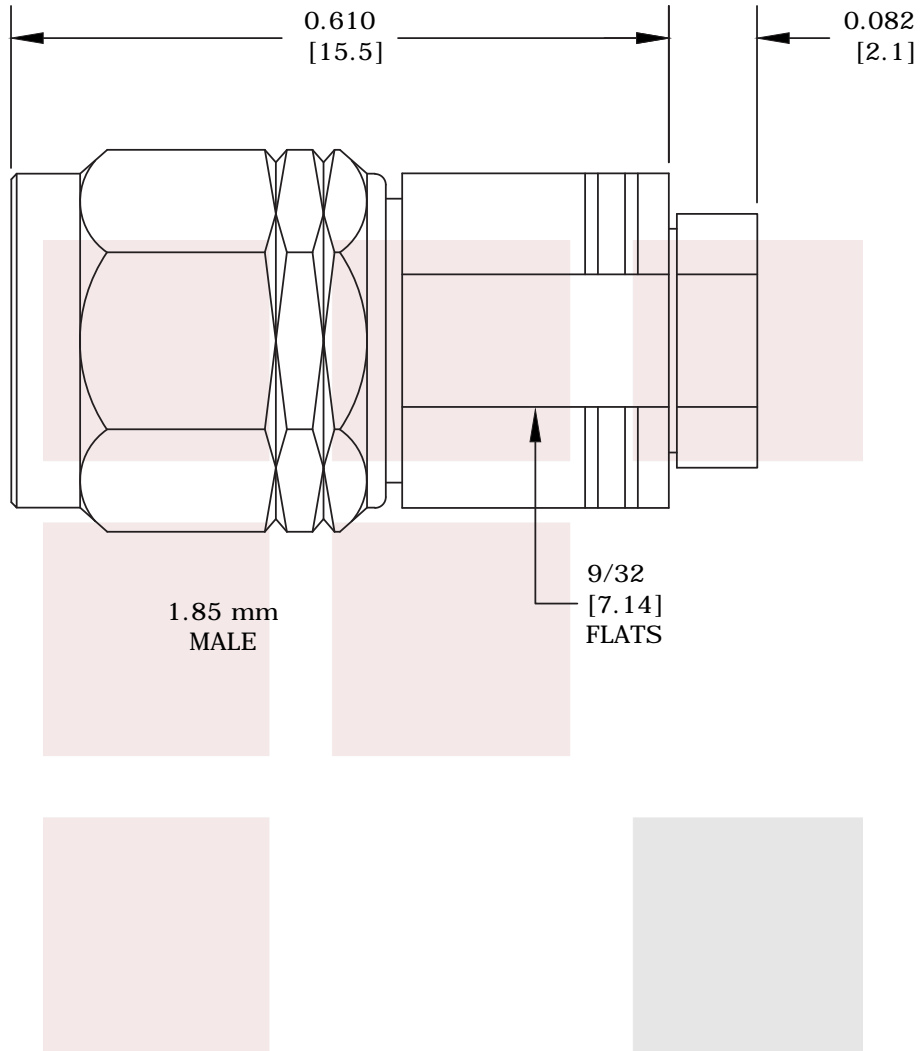


RF Load 1 Watts To 65 GHz Passivated Stainless Steel 1.85mm Male from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RF Load 1 Watts To 65 GHz Passivated Stainless Steel 1.85mm Male ST6510](#)

URL: <https://www.fairviewmicrowave.com/rf-load-1-watts-65-ghz-1.85mm-male-st6510-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.



**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	DWG NO		CAGE CODE		
	ST6510		3FKR5		
	CAD FILE	SHEET	SCALE	SIZE	
	080814		N/A	A	2233

RF Load 1 Watts To 65 GHz Passivated Stainless Steel  
 1.85mm Male