

RF Load 50 Watts To 18 GHz SMA Female

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
Impedance		50		Ohms
VSWR			1.3:1	
Input Power (CW)			50	Watts
Input Power (Peak)			1	KWatts

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC - 8	8 - 12.4	12.4 - 18			GHz
VSWR, Max	1.15:1	1.2:1	1.3:1			

Mechanical Specifications

Size	
Length	2.27 in [57.66 mm]
Width	3.5 in [88.9 mm]
Height	2.3 in [58.42 mm]
Weight	0.8215 lbs [372.63 g]

Configuration

Connector SMA Female

Material Specifications

Description	Material	Plating
Connector 1 Contact	Beryllium Copper	Gold

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

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

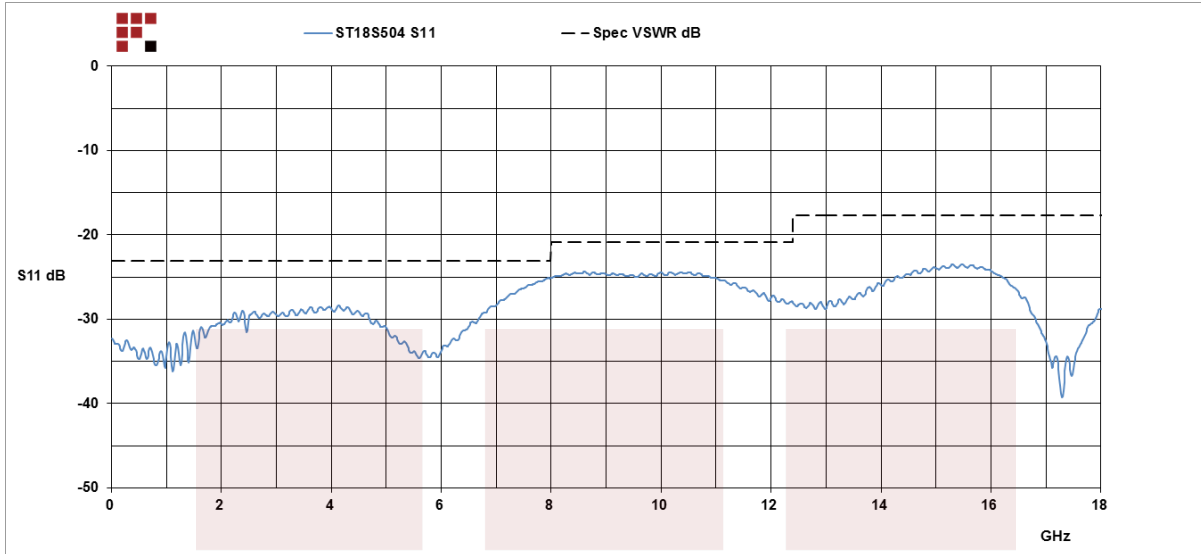
Plotted and Other Data

Notes:



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Typical Performance Data

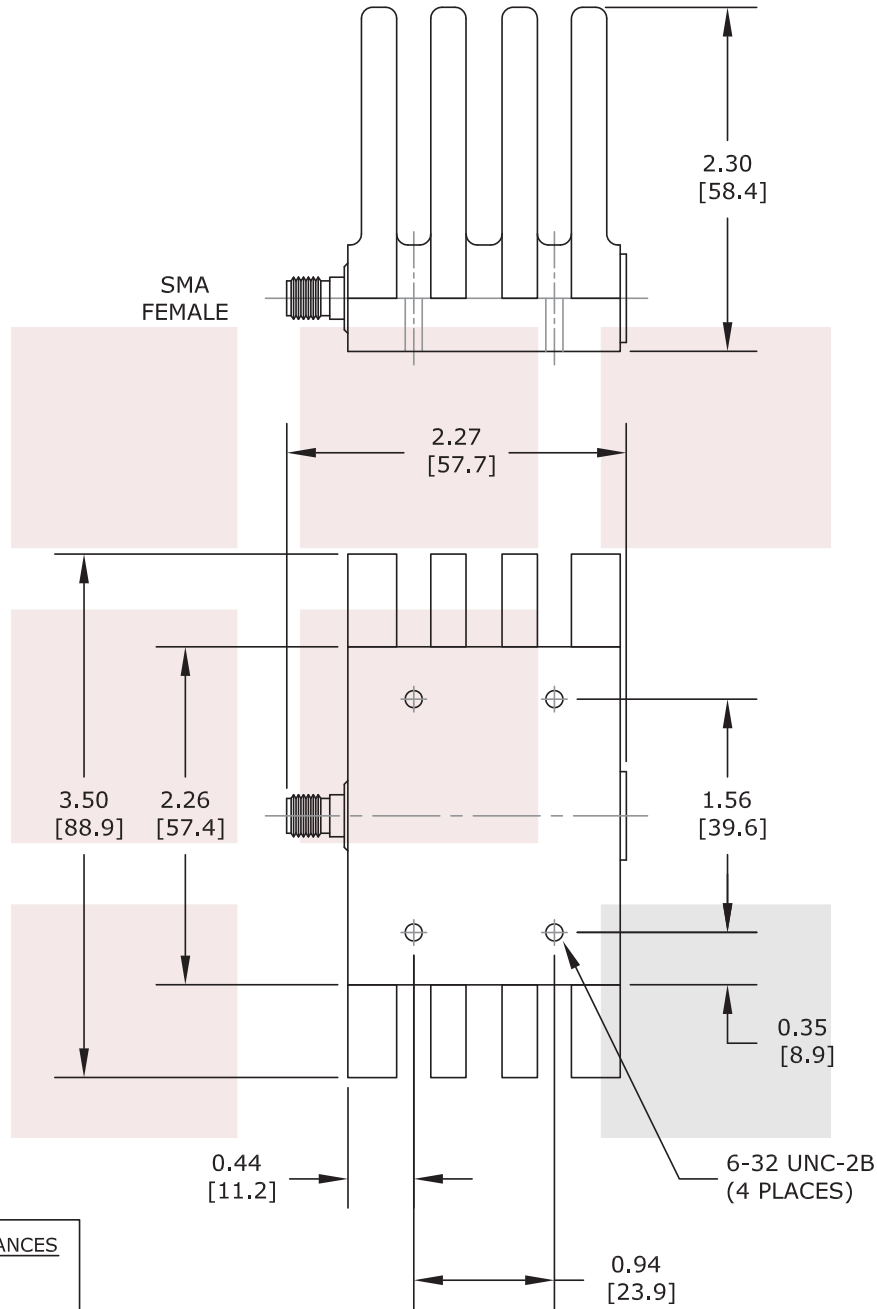


RF Load 50 Watts To 18 GHz SMA Female from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RF Load 50 Watts To 18 GHz SMA Female ST18S504](https://www.fairviewmicrowave.com/rf-load-50-watts-18-ghz-sma-female-st18s504)

URL: <https://www.fairviewmicrowave.com/rf-load-50-watts-18-ghz-sma-female-st18s504-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	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC.		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 ST18S504		CAGE CODE 3FKR5	
TITLE RF Load 50 Watts To 18 GHz SMA Female		CAD FILE 060117	SHEET	SCALE N/A	SIZE A 2233