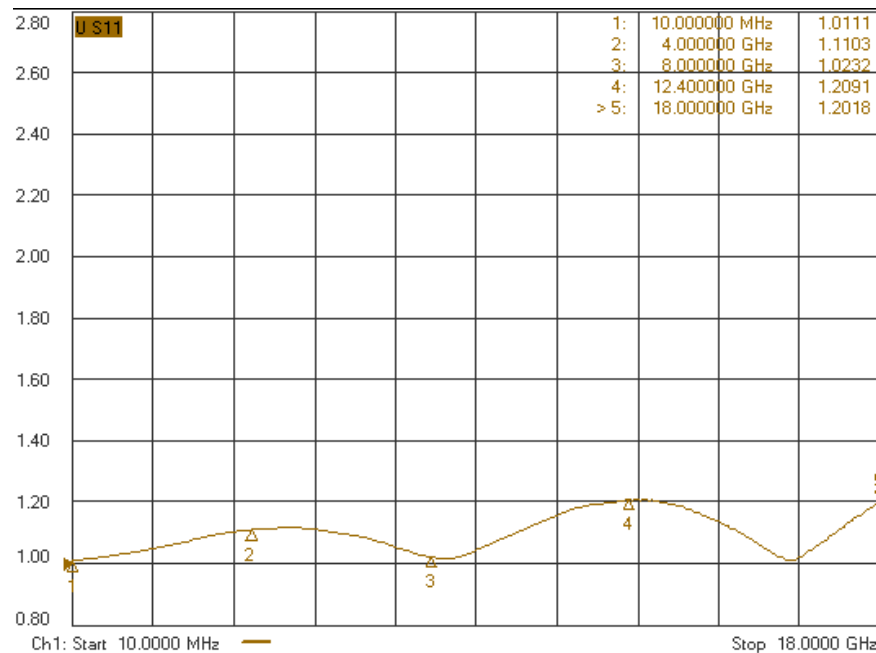
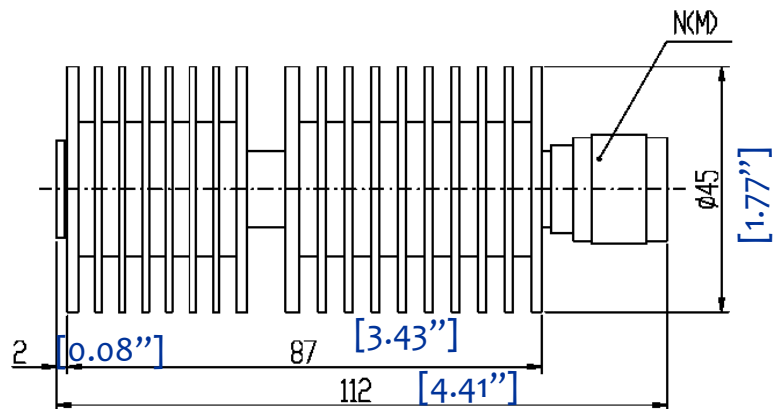



# HIGH POWER FIXED TERMINATION --- RFST50GXXC

<b>1.0</b>	<b>Mechanical Specifications</b>	
<b>1.1</b>	<b>Connector</b>	<b>N or 7/16 (Male or Female)</b>
<b>1.2</b>	<b>Size</b>	<b>D 45 x 112mm D: 1.77" x 4.41"</b>
<b>1.3</b>	<b>Weight</b>	<b>0.75kg</b>
<b>1.4</b>	<b>External Finish</b>	<b>Body painted black epoxy enamel</b>



<b>2.0</b>	<b>Environment specifications</b>	
<b>2.1</b>	<b>Operation Temp.</b>	<b>-40°C~+85°C</b>
<b>2.2</b>	<b>Storage Temp.</b>	<b>-55°C~+125°C</b>
<b>2.3</b>	<b>Altitude</b>	<b>41500 ft</b>
<b>2.4</b>	<b>Vibration</b>	<b>10g rms (15 degree 2KHz)</b>
<b>2.5</b>	<b>Humidity</b>	<b>100% RH at 35c, 95%RH at 40 deg c</b>
<b>2.6</b>	<b>Shock</b>	<b>20G for 11msec</b>
<b>2.7</b>	<b>Cooling</b>	<b>FAN required for long time operation</b>

<b>3.0 Electrical Specifications</b>				
<b>PN</b>	<b>Frequency (GHz)</b>	<b>VSWR (max.)</b>	<b>Power (CW)</b>	<b>Peak Power (KW)</b>
<b>RFST50G08C</b>	<b>DC-8GHz</b>	<b>1.25</b>	<b>50</b>	<b>5KW</b>
<b>RFST50G12C</b>	<b>DC-12.4GHz</b>	<b>1.35</b>	<b>50</b>	<b>5KW</b>
<b>RFST50G18C</b>	<b>DC-18GHz</b>	<b>1.50</b>	<b>50</b>	<b>5KW</b>

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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	10
		ASSEMBLY REVISION	VS52
 <b>RFST50GXXC HIGH POWER TERMINATION</b>		ASSEMBLY NAME	RFLVR07
www.rflambda.com		DRAWING NUMBER	005-A
<b>RF-LAMBDA</b>		SIZE	1 OF 1
		SHEETS	1 OF 1