

Part No:

HT18F-2G-1



2 Watt RF Load Termination with SMA Female Connector DC-18 GHz

The HASCO **HT18F-2G-1** is an RF termination (also called RF load or dummy load) that operates from DC to 18 GHz and handles up to 2 Watts (CW). Our SMA termination/load has a female gender. HT18F-2G-1 SMA termination offers 1.10:1 max VSWR DC-6GHz and 1.20: 1 VSWR at 6-18 GHz.

The HT4NM-100 is RoHS Compliant.



RF load/terminations are indispensable components in many RF, microwave and millimeter wave systems where signal reflection from unused ports can potentially damage the device or reduce the signal integrity. By using a termination on an unused port with a matched load (dummy load), the incident energy will be absorbed with minimal reflection. These termination components are commonly used to terminate devices such as couplers, circulators, and switches. They are also widely used in measurement systems to ensure accurate results. HASCO offers a huge selection of RF, microwave and millimeter wave terminations up to 65 GHz with excellent performance over the entire operating range and power handling capabilities up to 800 Watt (CW).

Electrical

• Frequency Range	DC - 18 GHz
• VSWR	DC - 6 GHz 1.10:1 6 - 18 GHz 1.20:1
• Impedance	50 Ohms
• Power	2 Watt Average to 25° Ambient Temperature Derated Linearly to 0.2W @ 125°C
• Power Peak	.25 KW 5µS Pulse Width with 0.8% Duty Cycle

Environmental Data

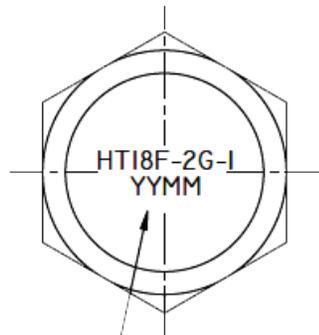
• Temperature Range	-55°C - +125°C
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Material

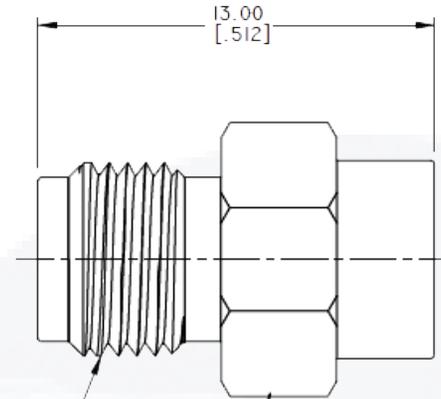
• Body	Brass, Gold Plated
• Center Conductor	Beryllium Copper Alloy, Gold Plated
• Insulator	PTFE & PEI
• Resistance	Beryllium Oxide

To view online, go to: <https://www.hasco-inc.com/terminations/rf-termination-with-sma-female-connector-2-watt-dc-18-ghz/>

SMA Female Termination | DC - 18 GHz • 2 Watts | Outline Drawing



HASCO PART NO.
DATE CODE



1/4-36UNS-2A

SW8.0
[.315 HEX.]

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-	RELEASE	12/16	TAC	APPROVED BY: ABC						
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						FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. HT18F-2G-1	REV: -		
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