

Part No:

HT4NM-100



100 Watt RF Load Termination with N Type Male Connector DC-4 GHz

The HASCO **HT4NM-100** is an RF termination (also called RF load or dummy load) that operates from DC to 4 GHz and handles up to 100 Watts (CW). Our Type N termination/load has a male gender. HT4NM-100 Type N termination offers 1.15:1 max VSWR DC-3GHz and 1.25: 1 VSWR at 3-4 GHz. The HASCO 100W Type N termination has a heatsink body which is designed to provide adequate heat dissipation within its full frequency of operation.

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 - 4 GHz
• VSWR	DC - 3 GHz 1.15:1 3 - 4 GHz 1.25:1
• Impedence	50 Ohms
• Power	100 Watt Average to 25° Ambient Temperature Derated Linearly to 10W @ 125°C
• Power Peak	100 KW 5µs Pulse Width with 1% Duty Cycle

Environmental Data

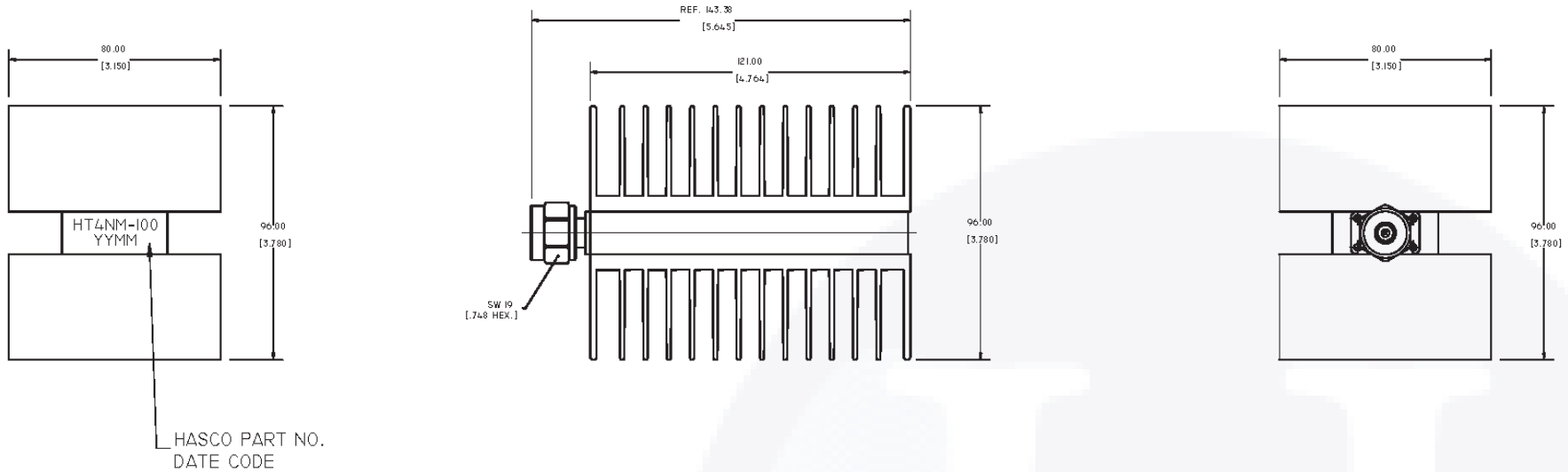
• Temperature Range	-55°C - +125°C
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Material


• Body	Brass, Albaloy Plated
• Center Conductor	Phosphor Bronze, Silver Plated
• Insulator	PRFE
• Coupling Nut	Brass, Albaloy Plated
• Gasket	MVQ (Silcome Rubber)
• Radiator	Aluminum, Black
• Resistance	Beryllium Oxide

To view online, go to: <https://www.hasco-inc.com/terminations/100-watt-rf-load-termination-with-n-type-male-connector-dc-4-ghz/>

HT4NM-100 | DC - 4 GHz • 100 Watts | Outline Drawing



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-	RELEASE	12/16	TAC	APPROVED BY: ABC						
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						SEE DATA SHEET	OT8L4	4:1	A	
						FINISHES:	PART NO./DRAWING NO.	REV:		
						SEE DATA SHEET	HT4NM-100	-		
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