

**Technical Data**

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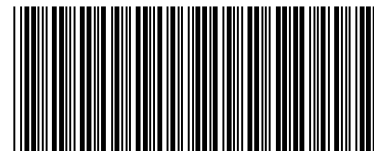
**909C Precision Coaxial Termination  
dc - 2 GHz**



**Agilent Technologies**

Part Number 00909-90035

Printed in USA July 2004



00909-90035

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## **Hewlett-Packard to Agilent Technologies Transition**

This documentation supports a product that previously shipped under the Hewlett-Packard company brand name. The brand name has now been changed to Agilent Technologies. The two products are functionally identical, only our name has changed. The document still includes references to Hewlett-Packard products, some of which have been transitioned to Agilent Technologies.

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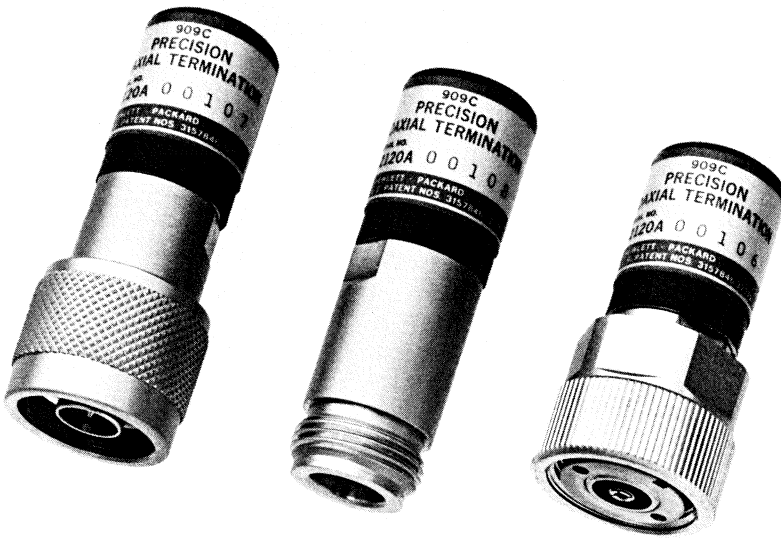
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# HP 909C Precision Coaxial Termination dc - 2 GHz

## Technical Data



### Description

The HP 909C is a precision low reflection load intended for use as a calibration standard.

Tantalum nitride on sapphire thin film technology is used for exceptional long term impedance stability. To insure the best possible wear resistance characteristics, gold plated beryllium copper has been used for the connector contacts.

### Specifications

**Frequency range:**

dc - 2 GHz (standard)  
dc - 200 MHz (Option 200)

**Impedance:** 50Ω**Connector:**

HP 909C, APC-7  
Opt 012, type N (m)  
Opt 013, type N (f)

**Reflection Coefficient:**

HP 909C (standard, Option 200):  
0.0025 (1.005 SWR)  
Option 012: 0.005 (1.01 SWR)  
Option 013: 0.005 (1.01 SWR)

**Power Rating:** 500 mW avg;

100W peak, 10 μs/pulse

**Weight:** net - 60g (2 oz);

shipping - 200g (8oz)

**Length:** 51 mm (2 in)

*Option 200 available only in conjunction with Option 012 or 013.*

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For more information, call your local HP sales office listed in the telephone directory white pages. Ask for the Test and Measurement Department, or write to Hewlett-Packard:

**United States**

P.O. Box 10301  
Palo Alto, CA 94303-0890  
U.S.A.

**Canada**

6877 Goreway Drive  
Mississauga, L4V 1M8  
Ontario

**Europe, Africa,  
Middle East**

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P.O. Box 529  
1180 AM Amstelveen  
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Suginami-ku, Tokyo 168

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3495 Deer Creek Road  
Palo Alto, CA 94304-1393 U.S.A.

**Data Subject to Change  
August 1989**

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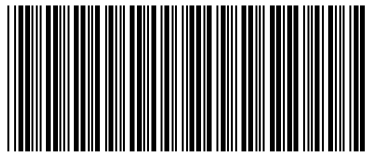


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