



# Agilent 909C

## Precision Coaxial Termination

dc - 2 GHz  
Data Sheet



### Description

The 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:** 50W

**Connector:**

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

**Reflection coefficient:**

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 ms/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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