# Keysight Technologies
## 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: 50 Ω
Connector:
    909C, APC-7
    Option 909C-012, type N (m)
    Option 909C-013, type N (f)
Reflection coefficient:
    909C (standard, Option 200): 0.0025 (1.005 SWR)
    Option 012: 0.005 (1.01 SWR)
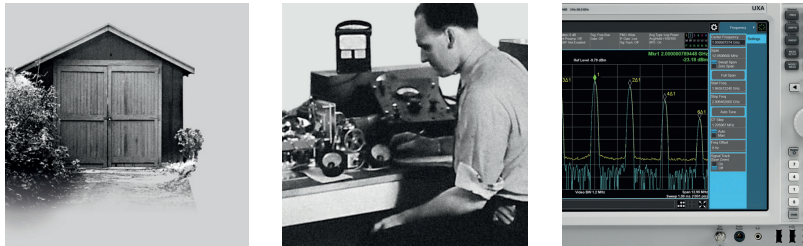    Option 013: 0.005 (1.01 SWR)
Power rating: 500 mW avg;
    100 W peak, 10 us/pulse
Weight: net- 60 g (2 oz); shipping- 200 g (8oz)
Length: 51 mm (2 in)

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