

Technical Data Sheet

2000-1914-R Calibration Kit

Type 4.3-10(f)
DC to 6 GHz, 50 Ω



This calibration kit has been designed to provide superior measurement results when used with precision instruments. It is designed for use in both field and lab environments. It is a high precision component and should be handled with proper care. Excessive shock, torque, or power should be avoided to prevent permanent damage.

Specifications for units within recommended calibration cycle are guaranteed under the following conditions:

1. Unit is operated within specified temperature range.
2. Unit has not been subjected to damage from mishandling.

Length, capacitance, and inductance are nominal values.

Open and Short Phase and DC Resistance specifications are typical. Phase is measured as a deviation from the model defined by offset length and inductance or capacitance.

Operating Temperature Range	0 °C to +50 °C
Storage Temperature Range	-55 °C to +90 °C
Recommended Calibration Interval	1 year

For the latest information, sales, or service, visit: www.anritsu.com

2000-1914-R Calibration Kit TDS
Copyright December 2021 Anritsu Company, USA
All Rights Reserved



11410-01073



C

© Anritsu All trademarks are registered trademarks of their respective companies. Data subject to change without notice. Anritsu prints on recycled paper with vegetable soybean oil ink.



2000-1914-R Calibration Kit Specifications

Open	Spec
Length	20.07 mm
C0 (1E-15) F	3.20
C1 (1E-27) F/Hz	9995.0
C2 (1E-36) F/Hz ²	3420.0
C3 (1E-45) F/Hz ³	316.0
Phase (DC to 6 GHz)	$\leq \pm 2.0^\circ$

Short	Spec
Length	20.07 mm
L0 (1E-12) H	18.2
L1 (1E-24) H/Hz	995.0
L2 (1E-33) H/Hz ²	8220.0
L3 (1E-42) H/Hz ³	958.0
Phase (DC to 6 GHz)	$\leq \pm 2.0^\circ$

Load	Spec
DC Resistance	$50 \Omega \pm 0.5 \Omega$
Return Loss DC to 2.5GHz ≥ 2.5 GHz to 6 GHz	≥ 40 dB ≥ 38 dB
Max Power	1.0 W