

Technical Data Sheet

2000-1915-R Calibration Kit Type 4.3-10(m) 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

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2000-1915-R Calibration Kit TDS
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2000-1915-R Calibration Kit Specifications

Open	Spec
Length	24.23 mm
C0 (1E-15) F	-10.0000
C1 (1E-27) F/Hz	0.00700
C2 (1E-36) F/Hz ²	-0.54000
C3 (1E-45) F/Hz ³	0.07500
Phase (DC to 6 GHz)	$\leq \pm 2.0^\circ$

Short	Spec
Length	24.23 mm
L0 (1E-12) H	-35.0000
L1 (1E-24) H/Hz	-7.10000
L2 (1E-33) H/Hz ²	5.80000
L3 (1E-42) H/Hz ³	-0.74000
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