

Technical Data Sheet

2000-1619-R Calibration Kit Type 7/16(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 field 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 are guaranteed under the following conditions:

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

Length, capacitance, and inductance are nominal values.

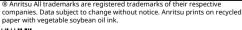
Open and Short Phase and DC Resistance specifications are typical.

Operating Temperature Range	0 °C to +50 °C
Storage Temperature Range	-55 °C to +90 °C

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2000-1619-R Calibration Kit Specifications

Open	Spec
Length	26.2 mm
C0 (1E-15) F	185
C1 (1E-27) F/Hz	23
C2 (1E-36) F/Hz ²	-184
C3 (1E-45) F/Hz ³	104

Short	Spec
Length	29.0 mm
L0 (1E-12) H	0.0
L1 (1E-24) H/Hz	0.0
L2 (1E-33) H/Hz ²	0.0
L3 (1E-42) H/Hz ³	0.0

Load	Spec
DC Resistance	50 Ω ± 0.5 Ω
Return Loss (DC to 4 GHz)	≥ 35 dB
Return Loss (4 GHz to 6 GHz)	≥ 32 dB
Max Power	1.0 W

2000-1619-R PN: 11410-01098 Rev. B TDS