

1.85mm DC-67GHz VNA Precision Calibration Kit

Model: RCAL67K



Quality You Can Trust!

RF-LAMBDA is an ISO 9001
Registered Company



1.85mm DC-67GHz VNA Precision Calibration Kit

1.85mm DC-67GHz VNA Precision Calibration Kit Model: RCAL67K

Key Features

- DC to 67GHz frequency range.
- Calibration standards to perform full two-port calibration.
- Adapters and torque wrench included.
- COC Included.

Description

RF-Lambda's RCAL67K mechanical calibration kit contains precision standard devices to calibrate network analyzers in the 1.85mm interface. This kit also contains adapters to change the sex of the test port, and a torque wrench to ensure a repeatable reliable connection.

Environmental Specifications

Parameter	Description
Operational Temperature	23°C±3°C
Storage Temperature	-20°C~+70°C

Male SHORT	Male OPEN	Male LOAD
L0 = 2.5754 x 10 ⁻¹² H L1 = -36.1375 x 10 ⁻²⁴ H/Hz L2 = 0.0545 x 10 ⁻³³ H/Hz ² L3 = 0.0059 x 10 ⁻⁴² H/Hz ³ DELAY = 18.0377 ps LOSS = 5.5535 GΩ/s	C0 = -3.0402 x 10 ⁻¹⁵ F C1 = 150.075 x 10 ⁻²⁷ F/Hz C2 = -4.3877 x 10 ⁻³⁶ F/Hz ² C3 = 0.0515 x 10 ⁻⁴⁵ F/Hz ³ DELAY = 19.3478 ps LOSS = 5.1978 GΩ/s	<u>GHz</u> <u>VSWR</u> DC - 65 1.20
Female SHORT	Female OPEN	Female LOAD
L0 = 6.3133 x 10 ⁻¹² H L1 = -640.963 x 10 ⁻²⁴ H/Hz L2 = 19.6901 x 10 ⁻³³ H/Hz ² L3 = -0.1767 x 10 ⁻⁴² H/Hz ³ DELAY = 18.0377 ps LOSS = 5.8101 GΩ/s	C0 = -4.9853 x 10 ⁻¹⁵ F C1 = 218.817 x 10 ⁻²⁷ F/Hz C2 = -4.4239 x 10 ⁻³⁶ F/Hz ² C3 = 0.0382 x 10 ⁻⁴⁵ F/Hz ³ DELAY = 19.3478 ps LOSS = 5.1081 GΩ/s	<u>GHz</u> <u>VSWR</u> DC - 65 1.20

Specifications

Description	PN: RCAL67K			
	1.85mm Precision Calibration Kit			
Parameters	Min.	Typ.	Max.	Units
Frequency Range	DC		67	GHz
Impedance	50			Ω

Calibration Kit Includes

PN	Description	Spec.	Qty
MO	Male Open	Phase Deviation ≤2.0°	1
FO	Female Open		1
MS	Male Short	Phase Deviation ≤2.0°	1
FS	Female Short		1
ML	Male Load	VSWR≤1.15 max	1
FL	Female Load		1
FF	Female to Female Adapter	VSWR≤1.25 max	1
MM	Male to Male Adapter		1
MF	Male to Female Adapter		1
WR	3.5mm Torque Wrench	8 in / lb.	1
BX	Kit Box	Wood	1

Important Notice

The information contained herein is believed to be reliable. RF-Lambda makes no warranties regarding the information contained herein. RF-Lambda assumes no responsibility or liability whatsoever for any of the information contained herein. RF-Lambda assumes no responsibility or liability whatsoever for the use of the information contained herein. The information contained herein is provided "AS IS, WHERE IS" and with all faults, and the entire risk associated with such information is entirely with the user. All information contained herein is subject to change without notice. Customers should obtain and verify the latest relevant information before placing orders for RF-Lambda products. The information contained herein or any use of such information does not grant, explicitly or implicitly, to any party any patent rights, licenses, or any other intellectual property rights, whether with regard to such information itself or anything described by such information. RF-Lambda products are not warranted or authorized for use as critical components in medical, life-saving, or life sustaining applications, or other applications where a failure would reasonably be expected to cause severe personal injury or death.

1.85mm DC-67GHz VNA Precision Calibration Kit