

# SCKCL67A1-1.85 High Precision Calibration Kit

(DC - 67GHz / 1.85mm)

## Key Features

- The 1.85mm Coaxial port
- Broadband: DC~67GHz
- High-performance
- Multi-short-circuit form, fixed load calibration



## Overview

Saluki SCKCL67A1-1.85 mechanical calibration kit is an economical calibration piece with an operating frequency of up to 67GHz and is mainly used to calibrate a vector network analyzer with 1.85mm ports.

Note 1: The technical specifications of DC-10MHz are based on 10MHz and are not tested separately.

Note 2: The phase offset of the openers and shorters represents the phase offset relative to the standard parts

2. Environmental adaptability

Operating temperature:  $23^{\circ}\text{C} \pm 3^{\circ}\text{C}$

Storage temperature:  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$

## Technical Specifications Below:

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Model	Frequency	Type	Spec.	List	Qty.
SCKCL67A1- 1.85 (Calibration Level)	DC -67GHz	Load: VSMR	$\geq 36\text{dB}$ (10MHz-10GHz)	Short:1.85mm(M)1	1
			$\geq 35\text{dB}$ (10GHz-20GHz)	Short:1.85mm(M)2	1
			$\geq 31\text{dB}$ (20GHz-35GHz)	Short:1.85mm(M)3	1
				Short:1.85mm(M)4	1
		Adaptor: VSMR	$\geq 33\text{dB}$ (10MHz-4GHz)	Short:1.85mm(F)1	1
			$\geq 24\text{dB}$ (4GHz-26.5GHz)	Short:1.85mm(F)2	1
			$\geq 22\text{dB}$ (26.5GHz-50GHz)	Short:1.85mm(F)3	1
			$\geq 20\text{dB}$ (50GHz-67GHz)	Short:1.85mm(F)4	1
		Open	$\pm 2^\circ$ (10MHz-50GHz)	Open:1.85mm(M)	1
			$\pm 3^\circ$ (50GHz-67GHz)	Open:1.85mm(F)	1
				Load:1.85mm(M)	1
				Load:1.85mm(F)	1
		Short	Short1: $\pm 2^\circ$ (10MHz-67GHz)	1.85mm JJ adaptor	1
			Short2: $\pm 2.5^\circ$ (35GHz-67GHz)	1.85mm JK adaptor	1
			Short3: $\pm 2.5^\circ$ (45GHz-67GHz)	1.85mm KK adaptor	1
			Short4: $\pm 2.5^\circ$ (35GHz-67GHz)	Torque spanner 1	
		3.5mm Torque spanner	Torque 90 N.cm $\pm$ 2.7 N.cm		

*Note: Information will conduct the necessary updates , the contents of this document are subject to change without notice*