

SCKCL26-3.5 High Precision Calibration Kit

(DC - 26.5GHz / 3.5mm)

Key Features

- Frequency Range: DC to 26.5GHz
- VSWR : <1.055
- Phase Deviation: $\pm 1.5^\circ$
- Calibration standards to perform full two-port calibration
- Adapters and torque wrench included



Overview

Saluki's SCKCL26-3.5 mechanical calibration kit contains precision standard devices to calibrate network analyzers in the 3.5mm interface. This kit also contains adapters to change the sex of the test port, and a torque wrench to ensure a repeatable reliable connection.

This calibration kit can use the calibration data of 85052D.

Model	Frequency	Spec.	List	qty.
SCKCL26-3.5 (Calibration Level)	DC - 26.5GHz	Open: $\pm 1.5^\circ$	Open: 3.5mm (M)	1
		Short: $\pm 1.5^\circ$	Open: 3.5mm (F)	1
		Load: VSWR(DC-8GHz): <1.025	Short: 3.5mm (M)	1
			Short: 3.5mm (F)	1
		VSWR(8GHz-20GHz): <1.032	Load: 3.5mm (M)	1
			Load: 3.5mm (F)	1
		VSWR(20GHz-26.5GHz): <1.041	3.5mm(f)-3.5mm(f)adaptor	1
			3.5mm(m)-3.5mm(m)adaptor	1
		Adaptor: VSWR(DC-26.5GHz): <1.106	3.5mm(m)-3.5mm(f)adaptor	1
3.5mm Torque wrench	1			

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Material Information

Basic Data	
Interface	IEEE Std 287
Mating Cycles	>500 cycles
Coupling Torque	0.9Nm
Open-End Wrench Size	8mm

Electrical Data	
Frequency	DC - 26.5GHz
Impedance	50 Ω
Average Power	$\leq 0.5W$

Materials	
Center Conductor	Au-plated Beryllim Copper
Body	Copper Plating / Staineless Stell, Passivated
Connector Nut	Stainless Steel, Passivated

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