Your calibration kit has been designed to withstand a moderate amount of physical stress. However, to retain its high precision performance you should treat it with care and prevent any mechanical shock.
It can be damaged if excessive force is applied to the connectors. Such a damage is considered as an abuse of the cal kit and will void the warranty when verified by our service professionals. When the kit is not in use, mount protective caps on the connectors such as the ones which came with the kit.
Store the kit in a shock-resistant environment.
Tighten 2.92 mm connectors with a torque wrench. Torque: 8 lb-inch (90 N-cm)
For information on service and recertification go to
http://www.keysight.com/find/serviceprices

Temperature loading	operating temperature range	+18 °C to +28 °C (non-condensing)
	storage temperature range	-40 °C to +70 °C, in line with EN 60068-2-1 and EN 60068-2-2
Recommended inspection interval		1 year

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Data Sheet

Keysight Cal Kit 85562A 2.92 mm (m) DC to 40 GHz

KEYSIGHT TECHNOLOGIES

Standard	Electrical Delay	Offset Loss
Through		
male-male	116.18 ps	2.5 GΩ/s

Standard	Offset Delay	Offset Loss
Open		
male	31.3 ps	2.17 GΩ/s

Standard	Offset Delay	Offset Loss
Short		
male	31.3 ps	1.94 GΩ/s

Standard	DC-Resistance
Load	
male	50 Ω ± 0.5 Ω

Standard	Return Loss (typical)		
Through	DC to 4 GHz	4 to 26.5 GHz	26.5 to 40 GHz
male-male	≥ 30 dB	≥ 26 dB	≥ 21 dB

Standard	C0 E-15 F	C1 E-27 F/Hz	C2 E-36 F/Hz²	C3 E-45 F/Hz³
Open				
male	2.1868	310.6	-18.4723	0.37014

Standard	L0 E-12 H	L1 E-24 H/Hz	L2 E-33 H/Hz²	L3 E-42 H/Hz³
Short				
male	2.6109	-1018.47	51.738	-0.77377

Standard	Return Loss (spec)			
Load	DC to 4 GHz	4 to 10 GHz	10 to 26.5 GHz	26.5 to 40 GHz
male	≥ 39 dB	≥ 33 dB	≥ 28 dB	≥ 24 dB

Standard	Insertion Loss (typical)
Through	DC to 40 GHz
male-male	≤ 0.04 dB sqrt (f/GHz)

Standard	Deviation from Nominal Phase (spec)			
Open	DC to 4 GHz	4 to 10 GHz	10 to 26.5 GHz	26.5 to 40 GHz
male	≤ 1.5°	≤ 2.5°	≤ 4.5°	≤ 5.0°

Standard	Deviation from Nominal Phase (spec)			
Short	DC to 4 GHz	4 to 10 GHz	10 to 26.5 GHz	26.5 to 40 GHz
male	≤ 1.5°	≤ 2.0°	≤ 3.5°	≤ 4.5°

Standard	Max. Power
Load	
male	0.25 W

The information in this document can be found at www.keysight.com by searching for part number 85562-90001