

Product Description: LCAL03N (DC- 3.0 GHz N Type Precision Calibration Kit)



LiConn has developed high precision N Type calibration Kit for the calibration of a vector network analyzer (VNA). The calibration kit can be used for the Short-Open-Load (SOL) Single Port calibration.

The calibration kit is compatible to or better than the brand named models but is tenth fraction of their cost. Moreover, The calibration is packaged in a miniature box and very user friendly.

Key Performance

- DC ~ 3 GHz
- 40 dB Minimum Return Loss
- N Type High Precision Short (Male)
- N Type High Precision Open(Male)
- N Type High Precision Load(Male)
- Very Low Cost
- Long Life Time

Order Information/Kit Structure

Model Number	LCAL03N
Short	LSHOR003N
Open	LOPEN003N
Load	LLOAD003N

Specifications

Summary of the electrical specifications of LCAL03N at room temperature:
Each Calibration Kit will be measured for it's own parameters.

Index	Testing Item	Symbol	Test Constraints	Min.	Nom.	Max.	Unit
1	Load Return Loss	$S_{11,L}$	DC – 3.0 GHz	40			dB
2	Load Offset	T_{Lo}			0		pS
3	Short Offset	T_{So}			39.46		pS
					11.83		mm
4	Open Offset	T_{Oo}			18.50		pS
					5.55		mm
5	Open Capacitances	C_0			62		10^{-15} F/Hz
		C_1			-143		10^{-27} F/Hz
		C_2			83		10^{-36} F/Hz
		C_3			1		10^{-45} F/Hz

