

**Microwave Farm's Compact N-Type Calibration Kits** offers excellent performance characteristics that is specially designed for the fine-tuning in production environments and quality testing facilities using 50 ohm N-type connectors from DC to 5 GHz.

This Cal. Kit include all needed calibration standard (Open, Short, Load) in one unit. It is best solution for available for ease of use in VNA calibration, especially in the field.



### ■ Features

- DC to 5 GHz
- Standard kit included N-type (Female) OPEN-SHORT-LOAD

### ■ Application

- VNA, Full 2-port CAL.
- Test & Measurement
- Precision Calibration

### ■ Specification

Scope	Items	Part No. : MFWWNT(F)
Electrical	Freq. range	DC to 5 GHz
	Impedance	50 Ohm
	Return loss	LOAD : < -38 dB
	Phase deviation(OOPEN,SHORT)	< 1.5 degrees
Mechanical	Connector type	N-Type (Female)
	Housing	Stainless steel
	Weight	172.46 g

\* ROHS Compliant

## ■ Calibration Coefficient

Type	Cal. Coefficient	
OPEN	C0	$89.939 \times 10^{-15} \text{F}$
	C1	$2536.80 \times 10^{-27} \text{F/Hz}$
	C2	$-264.990 \times 10^{-36} \text{F/Hz}^2$
	C3	$13.4 \times 10^{-45} \text{F/Hz}^3$
	Offset delay	40.90 ps
	Offset Loss	0.93 GΩ/s
SHORT	L0	$3.3998 \times 10^{-12} \text{H}$
	L1	$-496.4808 \times 10^{-24} \text{H/Hz}$
	L2	$34.8314 \times 10^{-33} \text{H/Hz}^2$
	L3	$-0.7847 \times 10^{-42} \text{H/Hz}^3$
	Offset delay	45.955 ps
	Offset Loss	1.087 GΩ/s

## ■ Drawing

