Compact 3.5 mm Cal. Kits DC to 9 GHz



Withwave's Compact 3.5 mm Calibration Kits offers excellent performance characteristics that is specially designed for the fine-tuning in production environments and quality testing facilities using 50 ohm 3.5 mm connectors from DC to 9 GHz.

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



Features

- DC to 9 GHz
- Standard kit included 3.5 mm (Female, Male) OPEN-SHORT-LOAD

Application

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

Specification

Scope	Items	Part No. : WW35M
Electrical	Freq. range	DC to 9 GHz
	Impedance	50 Ohm
	Return loss	LOAD : < -38 dB
	Phase deviation(OPEN,SHORT)	< 1.5 degrees
Mechanical	Connector type	3.5 mm (Female) 3.5 mm (Male)
	Housing	Stainless steel
	Weight	44 g

3-in-1



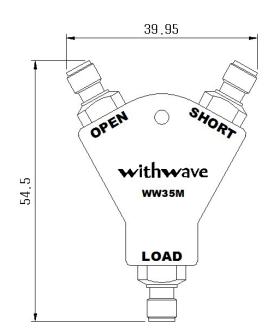
Calibration Coefficient

Туре	Cal. Coefficient	
OPEN	C0	49.43x10 ⁻¹⁵ F
	C1	-310.13x10 ⁻²⁷ F/Hz
	C2	$23.17x10^{-36}F/Hz^2$
	C3	$-0.16 \times 10^{-45} \text{F/Hz}^3$
	Offset delay	29.243 ps
	Offset Loss	2.2 GΩ/s
SHORT	L0	2.0765x10 ⁻¹² H
	L1	-108.54x10 ⁻²⁴ H/Hz
	L2	$2.1705 x 10^{-33} H/Hz^2$
	L3	$-0.01x10^{-42}H/Hz^3$
	Offset delay	31.785 ps
	Offset Loss	$2.36~\mathrm{G}\Omega/\mathrm{s}$

Drawing

Unit: mm

Female Type



Male Type

