

MILLIMETER VNA CALIBRATION KITS

SERIES 780-WAVEGUIDE CALIBRATION FROM 26.5 TO 260GHZ

- **HIGH PERFORMANCE**
- **LOW COST**
- **8510 COMPATIBLE**
- **AGILENT PNA COMPATIBLE**
- **ANRITSU 37000 SERIES COMPATIBLE**
- **ANRITSU VECTORSTAR FAMILY COMPATIBLE**
- **ROHDE & SCHWARZ ZV/B SERIES COMPATIBLE**

**NEW
PRODUCT**

DESCRIPTION

Millimeter Wave Products Inc has developed a line of millimeter waveguide calibration kits for calibrating Vector Network Analyzers (VNA) utilizing millimeter waveguide test heads or modules from 26.5 to 260 GHz. These kits provide the Short-Short-Load-Thru (SSLT) calibration method utilizing offset shorts and a fixed precision termination.

The precision fixed shorts have been selected to provide a high level of return loss >40dB and fixed short circuits are optimized to 1/8, 1/4, and 3/8 wavelengths with tight tolerances. These kits are provided with two rugged straight waveguides, 1/8, 1/4, 3/8 and reference short circuits precision fixed load in a foam lined wooden case.

COMPONENTS INCLUDED IN KITS

- 2 ea. Straight Precision Waveguide
- 1 ea. Precision Fixed Termination
- 1 ea. High Precision Offset Short, 1/8 Wavelength
- 1 ea. High Precision Offset Short, 1/4 Wavelength
- 1 ea. High Precision Offset Short, 3/8 Wavelength
- 1 ea. Fixed Short (used as a verification standard)
- 1 ea. Precision Straight Section
(used as a verification standard)
- 1 set Flange Hardware

* Optional High Precision Sliding Termination can be added to kit.

Model	Waveguide Destination	Frequency (GHz)
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780A	WR28	26.5 - 40.0
780B	WR22	33.0 - 50.0
780V	WR15	50.0 - 75.0
780E	WR12	60.0 - 90.0
780W	WR10	75.0 - 110.0
780F	WR08	90.0 - 140.0
780D	WR06	110.0 - 170.0
780G	WR05	140.0 - 220.0
780J	WR04	170.0 - 260.0

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