

7mm TRL VNA Calibration Kits

2660B Tri-Kits

Features

- ▶ TRL Calibrations
- ▶ SOLT (Short-Open-Load-Thru)
- ▶ Gated Air Line
- ▶ DC to 18 GHz

Description

This Maury tri-kit is capable of performing three types of calibrations: 1) TRL/TRM 2-port from DC to 18 GHz; 2) SOLT (short-open-load-thru) 1-port or 2-port; and 3) Short-open-(air line + load) 1-port calibration for gated measurements.

TRL Calibration

Maury TRL calibration kits contain the components needed to perform TRL calibrations. Source match can also be measured using the 15cm air line and provided short.

Test Port Adapter Options

OPTION	DESCRIPTION	QUANTITY	MODEL*
0	No Adapters		—
1	NMD3.5mm female to 7mm	2	2633C
2	3.5mm female to 7mm	1	8022A2
	3.5mm male to 7mm	1	8022B2
3	NMD2.4mm female to 7mm	2	7909C
	2.4mm female to 7mm	1	7922A
4	2.4mm male to 7mm	1	7922B

* Specification for 7909C are on page 102; 7922A/B on page 104; for all others see page 20.



Components Included in 2660B Kits

QUANTITY	DESCRIPTION	MODEL
1	7mm air line (3.12cm)	2653S3.12
1	7mm air line (0.6cm)	2653L
1	7mm air line (15cm)	2653S15
1	7mm reference fixed flush short	2615B3
1	7mm open	2616D3
1	7mm fixed termination	2610F
1	VNA software disk	—
1	Operating Instructions (manual)	—
1	Instrument case	—

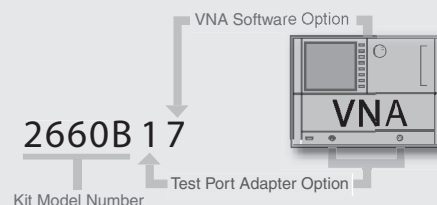
Note: Each kit also includes a set of adapters that is user specified per the Option Finder below. (See **Test Port Adapter Options** for details.)

Recommended Accessories

- A028 Connector gage kit (push-on type). See page 92.
- A028D Connector gage kit (thread-on type). See page 92.
- 8799A1 Torque wrench, 5/16-inch (8 in. lbs). See page 94.
- 2698C2 Torque wrench, 3/4-inch (12 in. lbs). See page 94.

Ordering Options

To specify the test port adapter and VNA software options you need, simply add two digits to the end of the kit model number (as shown in the diagram at right). The first digit is the test port adapter option number, and the second is the VNA software option number (as found in the **Option Finder** below). The example in the diagram shows the combination of digits needed to order a 2660B kit configured with the adapters and software for use with an Agilent PNA that has NMD3.5mm test ports.



Option Finder

VNA TEST PORT TYPE	TEST PORT ADAPTER OPTIONS (see above)	VNA SOFTWARE OPTIONS					
		KITS W/O SOFTWARE OPTION 0	ROHDE & SCHWARZ ZV SERIES OPTION 1	AGILENT 8510C OPTION 4	AGILENT 8719/20/22 OPTION 5	AGILENT PNA SERIES OPTION 7	ANRITSU 37000 OPTION 9
7mm	0	—	01	04	05	07	09
3.5mm or 2.92mm (K) ¹	1	10	11	14	15	17	19
	2	20	21	24	25	27	29
2.4mm or 1.85mm ¹	3	30	31	34	35	37	39
	4	40	41	44	45	47	49

¹ 1.85mm and 2.4mm connectors are fully mateable, as are 2.92mm (K) and 3.5mm connectors. The resulting junction is calibrated out and is not critical.

📄 Key Literature: Maury data sheet Z2-042.