

Economy VNA Calibration Kits

Single-Sex or Dual-Sex Fixed Termination Kits

Features

- ▶ Fixed Load Calibration
- ▶ 3.5mm, Type N, TNC and BNC Connectors
- ▶ Rugged Plastic Instrument Case
- ▶ DC to 26.5 GHz¹

Description

This series of low cost fixed load calibration kits covers frequencies from DC to 26.5 GHz¹. The kits contain the standards needed to calibrate scalar or vector network analyzers and are housed in rugged, molded plastic cases. The increased durability of the cases makes these kits ideal for field service use. The VNA software provided in the operating instructions manual can be keyed in from the front panel of the analyzer. The kits are available in female/male dual-sex configurations or in single-sex female or male configurations.

Available Kits

Select the calibration kit number for the appropriate network analyzer test port connector type.

NETWORK ANALYZER TEST PORT TYPE	MAURY KIT MODEL		
	Female Only	Male Only	Female and Male
3.5mm	8050Q01	8050Q02	8050Q03
Type N	8850Q01	8850Q02	8850Q03
BNC	8550Q01	8550Q02	8550Q03
TNC	8650Q01	8650Q02	8650Q03

Recommended Adapters for these Kits

Phase Matched Adapters See pages 111, 114 and 116.

8023B1	3.5mm female to type N male
8023D1	3.5mm male to type N male
8022A2	3.5mm female to 7mm
8022B2	3.5mm male to 7mm
8828A	Type N female to type N female
8828B	Type N male to type N male
8828C	Type N female to type N male
8821C1	Type N male to BNC female
8821D1	Type N male to BNC male

In-Series Adapters See page 119.

232A11	TNC female to TNC female
232B11	TNC male to TNC male
232C11	TNC female to TNC male



Components Included in Economy Kits

QUANTITY	DESCRIPTION
1	Female fixed offset short*
1	Male fixed offset short**
1	Female open*
1	Male open**
1	Female fixed termination*
1	Male fixed termination**
1	Instrument case

* Included in female single-sex kits and dual-sex kits; excluded from male single-sex kits.

** Included in male single-sex kits and dual-sex kits; excluded from female single-sex kits.

Recommended Accessories for these Kits

Connector Gage Kits See page 92.

A034B	3.5mm Connector gage kit (push-on type)
A050A	3.5mm Digital Connector gage kit (thread-on type)
A020A	Type N Connector gage kit (push-on type)
A020D	Type N Connector gage kit (thread-on type)
A012A	BNC Connector gage kit (push-on type)

Torque Wrenches See page 94.

8799A1	3.5mm, 5/16-inch (8 in. lbs)
2698C2	Type N, 3/4-inch hex (12 in. lbs)

Economy TRL Calibration Kits - 7mm

Need a 7mm Economy TRL Kit? Maury offers the following:

FREQUENCY RANGE (GHz)	VNA MAKE & MODEL — MAURY KIT MODEL				
	NO SOFTWARE	R&S ZV ZV SERIES	AGILENT 8510C	AGILENT 8719/20/22	AGILENT PNA SERIES
0.8 – 18.0	2660Q10	2660Q11	2660Q14	2660Q15	2660Q17
0.8 – 4.0	2660Q20	2660Q21	2660Q24	2660Q25	2660Q27

This series of low cost TRL calibration kits covers frequencies from 800 MHz to 18 GHz, or 800 MHz to 4 GHz, and contain the shorts and air lines needed to perform TRL calibration of vector network analyzers and devices equipped with 7mm connectors. Kit components are provided in foam-lined wood instrument cases. For more information please contact the Maury Sales Department. See also Maury data sheet 2Z-042.

¹ 3.5mm operates to 26.5 GHz, type N/TNC to 18 GHz and BNC to 10 GHz.