

2.4mm VNA Calibration Kit (DC - 40 GHz) - MTC-31123



Details

Features:

- o 2.4mm Coaxial Port
- o Fixed Load

General Description:

The MTC-31123 2.4mm coaxial calibration kit is a kind of instrument calibration kit, which can satisfy all demands except measure laboratory. It can be used to calibrate vector network analyzer with 2.4mm port. The kit contains the following items:

Serial Number	Model	Name	amount	remark
1	MTC-81821	2.4mm male open	1	
2	MTC-81822	2.4mm female open	1	
3	MTC-81823	2.4mm male short	1	
4	MTC-81824	2.4mm female short	1	
5	MTC-70508	2.4mm female load	1	
6	MTC-70509	2.4mm male load	1	
7	MTC-71120	2.4mmKK adapter	1	
8	MTC-71119	2.4mmJJ adapter	1	
9	MTC-71121	2.4mmJK adapter	1	
10		3.5mm torque wrench	1	

Specifications:

1. Electrical Specifications(Temperature:23±3°C, Frequency Range:DC-40GHz)

Model	Name	Specification
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MTC-81821	2.4mm male open	Deviation from Nominal Phase $\pm 1.5^\circ$
MTC-81822	2.4mm female open	
MTC-81823	2.4mm male short	Deviation from Nominal Phase $\pm 1.5^\circ$
MTC-81824	2.4mm female short	
MTC-70508	2.4mm female load	VSWR ≤ 1.105
MTC-70509	2.4mm male load	
MTC-71120	2.4mm KK adapter	
MTC-71119	2.4mm JJ adapter	VSWR ≤ 1.119
MTC-71121	2.4mm JK adapter	
	3.5mm torque wrench	Torque Setting 90 N.cm ± 2.7 N.cm

2. Environmental Requirements

Operating temperature: 23°C $\pm 3^\circ$ C

Storage temperature: -20°C to +70°C

Ordering Information:

MTC-31123	2.4mm Coaxial Calibration Kit
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Notes:

1. WHEN USING, PLEASE ADOPT ELECTROSTATIC SENSITIVE DEFENSE STEP.
2. BEFORE USEING, INSPECT THE CONNECTOR TO MAKE SURE NO PARTICLES OR RESIDUE ARE PRESENT; PLEASE INSURE PIN DEPTH OF DEVICES CONNECTED TO BE UP TO THE STANDARD.
3. WHEN USING, DO NOT TURN THE DEVICE BODY. ONLY TURN THE CONNECTOR NUT. DAMAGE TO THE CENTER CONDUCTOR CAN OCCUR IF THE DEVICE BODY IS TWISTED.
4. USING A TORQUE WRENCH GUARANTEES THAT THE CONNECTION IS NOT TOO TIGHT, PREVENTING POSSIBLE CONNECTOR DAMAGE.
5. WHEN NOT IN USE, PLEASE INSTALL THE PROTECTIVE END CAPS AND STORE THE CALIBRATION DEVICES IN THE FOAM-LINED STORAGE CASE.
6. PLEASE VERIFY THE PERFORMANCE OF YOUR CALIBRATION KIT IN A PERIOD OF TIME BY THE QUALIFIED.
7. PRODUCT SPECIFICATIONS AND DESCRIPTIONS IN THIS DOCUMENT ARE SUBJECT TO CHANGE WITHOUT NOTICE.