

# Type N VNA Calibration Kit (DC - 3 GHz) - MTC-20205



## Details

### Features:

- o Type N50 $\Omega$  Coaxial Port
- o Broadband: DC-3GHz
- o Fixed Load

### General Description:

The MTC-20205 Type N 50 $\Omega$  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 analyser with type N port. The kit contains the following items:

Serial Number	Model	Name	amount	remark
1	MTC-81801A	Type N male open	1	
2	MTC-81802A	Type N female open	1	
3	MTC-81803A	Type N male short	1	
4	MTC-81804A	Type N female short	1	
5	MTC-70503	Type N female load	1	
6	MTC-70504	Type N male load	1	
7	MTC-71101A	N-50KK adapter	1	
8	MTC-71102A	N-50JJ adapter	1	
9	MTC-81101A	N-50JK adapter	1	
10		Type N torque wrench	1	

### Specifications:

## 1. Electrical Specifications(Temperature:23±3°C?Frequency Range:DC~3GHz)

Model	Name	Specification
MTC-81801A	Type N male open	Deviation from Nominal Phase ±0.85°
MTC-81802A	Type N female open	
MTC-81803A	Type N male short	Deviation from Nominal Phase ±0.65°
MTC-81804A	Type N female short	
MTC-70503	Type N female load	VSWR≤1.014
MTC-70504	Type N male load	
MTC-71101A	N-50KK adapter	VSWR≤1.029
MTC-71102A	N-50JJ adapter	
MTC-81101A	N-50JK adapter	
	Type N torque wrench	Torque Setting 135.6 N.cm±4.1 N.cm

## 2. Environmental Requirements

Operating temperature: 23°C±3°C

Storage temperature: -20°C to +70°C

### Ordering Information:

MTC-20205	Type N50Ω Coaxial Calibration Kit
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Notes:

1. WHEN USING, PLEASE ADOPT ELECTROSTATIC SENSITIVE DEFENSE STEP.
2. BEFORE USING, 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.