

Type N VNA Calibration Kit (DC - 18 GHz) - MTC-31101



Details

Features:

- o Type N50Ω Coaxial Port
- o Broadband: DC-18GHz
- o Fixed Load

General Description:

AV31101 Type N 50Ω 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 type N port. The kit contains the following items:

Serial Number	Model	Name	amount	remark
1	AV81801	Type N male open	1	
2	AV81802	Type N female open	1	
3	AV81803	Type N male short	1	
4	AV81804	Type N female short	1	
5	AV70501	Type N female load	1	
6	AV70502	Type N male load	1	
7	AV71101	N-50KK adapter	1	
8	AV71102	N-50JJ adapter	1	
9	AV71103	7mm-type N male adapter	2	
10	AV71104	7mm-type N female adapter	2	
11		Type N torque wrench	1	
12		Spanner wrench	1	

Specifications:

1. Electrical Specifications(Temperature: 23±3°C,Frequency Range: DC~18GHz)

Model	Name	Specification
AV81801	Type N male open	Deviation from Nominal Phase ±1.5°
AV81802	Type N female open	
AV81803	Type N male short	Deviation from Nominal Phase ±1.0°
AV81804	Type N female short	
AV70501	Type N female load	VSWR≤1.055
AV70502	Type N male load	
AV71101	N-50KK adapter	VSWR≤1.083
AV71102	N-50JJ adapter	
AV71103	7mm-type N male adapter	VSWR≤1.083
AV71104	7mm-type N female 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:

AV31101	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.