

Type N 75 ohm VNA Calibration Kit (DC - 3 GHz) - MTC-20204



Details

Features:

- o Type N75Ω Coaxial Port
- o Broadband: DC-3GHz
- o Fixed Load

General Description:

The MTC-20204 type N 75Ω 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 75Ωport. The kit contains the following items:

Serial Number	Model	Name	amount	remark
1	MTC-81832	Type N75Ω male open	1	
2	MTC-81834	Type N75Ω female open	1	
3	MTC-81833	Type N 75Ω male short	1	
4	MTC-81835	Type N 75Ω female short	1	
5	MTC-70510	Type N 75Ω female load	1	
6	MTC-70511	Type N 75Ω male load	1	
7	MTC-81122	N-75KK adapter	1	
8	MTC-81123	N-75JJ adapter	1	
9	MTC-81124	N-75JK adapter	1	
10	MTC-81103	N-50K75J adapter	2	options
11	MTC-81103A	N-50J75J adapter	2	options
12	MTC-81103B	N-50J75K adapter	2	options
13	MTC-81103C	N-50K75K adapter	2	options
14		Type N torque wrench	1	

Specifications:

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

Model	Name	Specification
MTC-81832	Type N 75Ω male open	Deviation from Nominal Phase ±1.6°
MTC-81834	Type N 75Ω female open	
MTC-81833	Type N 75Ω male short	Deviation from Nominal Phase ±1.2° VSWR≤1.04
MTC-81835	Type N 75Ω female short	
MTC-70510	Type N 75Ω female load	
MTC-70511	Type N 75Ω male load	
MTC-81122	N-75KK adapter	VSWR≤1.05
MTC-81123	N-75JJ adapter	
MTC-81124	N-75JK adapter	
MTC-81103	N-50K75J adapter	VSWR≤1.2 Torque Setting 135.6 N.cm±4.1 N.cm
MTC-81103A	N-50J75J adapter	
MTC-81103B	N-50J75K adapter	
MTC-81103C	N-50K75K adapter	
	Type N torque wrench	

2. Environmental Requirements

Operating temperature: 23°C±3°C

Storage temperature: -20°C to +70°C

Ordering Information:

MTC-20204	Type N75Ω Calibration Kit(Standard, No 50Ω-75Ω Adapter)
MTC-20204-JJ	Type N 75Ω Calibration Kit(Optional, MTC-81103A N-50J75J Adapter)
MTC-20204-JK	Type N 75Ω Calibration Kit(Optional, MTC-81103B N-50J75K Adapter)
MTC-20204-KJ	Type N 75Ω Calibration Kit(Optional, MTC-81103 N-50K75J Adapter)
MTC-20204-KK	Type N 75Ω Calibration Kit(Optional, MTC-81103C N-50K75K Adapter)

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.