

NEW

N TYST VNA CALIBRATION KITS

The N-Tyst Standard Calibration kit is designed for use with a broad range of vector network analyzers (VNAs) that utilize a Short-Open-Load calibration technique. With this kit you can make error-corrected measurements of devices supplied with N-Tyst connectors from DC to 18 GHz. This kit contains both Male (Plug) and Female (Jack) connector interfaces to perform full Two-Port error corrections.

FEATURES:

- Broad VNA Coverage, Including Agilent & Anritsu
- Open, Short, Fixed Broadband Load Configurations
- DC to 18 GHz



Specifications	Units	Value	Description
Impedance	Ohms	50	
Frequency	GHz	18	DC to 18 GHz
Open Return Loss(1)	dB	≤ 0.10	≤ 4 GHz
	dB	≤ 0.20	> 4 GHz to ≤ 18 GHz
Short Return Loss(1)	dB	≤ 0.10	≤ 4 GHz
	dB	≤ 0.15	> 4 GHz and ≤ 18 GHz
Load Return Loss(1)	dB	≥ 40	≤ 4 GHz
	dB	≥ 30	> 4 GHz and ≤ 18 GHz
Open Phase Deviation(1)	deg.	$\leq 1.2^\circ$	≤ 4 GHz
	deg.	$\leq 3.0^\circ$	> 4 GHz and ≤ 18 GHz
Short Phase Deviation(1)	deg.	$\leq 1.2^\circ$	≤ 4 GHz
	deg.	$\leq 2.5^\circ$	> 4 GHz and ≤ 18 GHz
Load Resistance	Ohms	50 ± 0.25	
Load Power Handling	Watts	≤ 0.5	At 18 GHz, 0° - 50° C

Model No.	Description	PRICE
ST5501-KIT	N-Tyst Standard Calibration Kit	\$4495.00
ST5501-1	Open Circuit, Male (Plug)	Included
ST5501-2	Open Circuit, Female (Jack)	Included
ST5501-3	Short Circuit, Male (Plug)	Included
ST5501-4	Short Circuit, Female (Jack)	Included
ST5501-5	Broadband Load, Male (Plug)	Included
ST5501-6	Broadband Load, Female (Jack)	Included
ST5011-7	Tyst N Torque Wrench	Included

(1) Specifications are for both Male(Plug)andFemale(Jack)components.

NEW

3.5mm VNA CALIBRATION KITS

The 3.5mm Standard Calibration kit is designed for use with a broad range of vector network analyzers (VNAs) that utilize a Short-Open-Load calibration technique. With this kit you can make error-corrected measurements of devices supplied with either 3.5mm or SMA connectors from DC to 26.5 GHz. This kit contains both Male (Plug) and Female (Jack) connector interfaces to perform full Two-Port error corrections.

FEATURES:

- Broad VNA Coverage, including Agilent® & Anritsu®
- Open, Short, Fixed Broadband Load Configurations
- DC To 26.5 GHz
- In-Series Phase Matched Adapters Available



Specifications	Units	Value	Description
Connector Type	mm	3.5	Male and Female
Max Frequency	GHz	26.5	DC to 26.5 GHz
Open Return Loss	dB	< 0.2 $< 3.5^\circ$	At 26.5 GHz
Open Phase Deviation	degrees	< 0.15	Nominal @ 26.5 GHz
Short Return Loss	dB	< 0.1	At 26.5 GHz
Phase Deviation Load	degrees	> 30	Nominal @ 26.5 GHz
Return Loss Load	dB	50.0 ± 0.5	At 26.5 GHz
Impedance	Ohms	0.5	At DC
Load Power Handling	Watts		At 26.5 GHz

Model No.	Description	PRICE
ST5500-KIT	3.5mm Standard Calibration Kit	\$3495.00
ST5500-1	Open Circuit, Male Included	
ST5500-2	Open Circuit, Female Included	
ST5500-3	Short Circuit, Male Included	
ST5500-4	Short Circuit, Female Included	
ST5500-5	Broadband Load, Male Included	
ST5500-6	Broadband Load, Female Included	
ST5011-1	3.5mm/SMA Preset Torque Wrench	Included

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+91 7217885948

www.rfconnector.in

pradeep@rfconnector.in



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