

FEATURE COMPARISON

OMICRON LAB

BODE 100 Vs 500 VNA



	100	500
Frequency Range	1 Hz ... 50 MHz	10 mHz* ... 450 MHz
Dynamic range	> 100 dB	120 dB
Signal source	-30 dBm ... 13 dBm	-50 dBm ... 16 dBm
Connector type	BNC	Type N
Source impedance	50 Ω	50 Ω
Channel termination	50 Ω / 1 MΩ ac-coupled	50 Ω / 1 MΩ ac-coupled
Input AC measurement range	up to 10 Vrms	up to 10 Vrms
S-Parameter measurements (VNA)	✓	✓
Frequency Response Analysis	✓	✓
Impedance Analysis	✓	✓
Bode Analyzer Suite User Interface	✓	✓
SPICE Modeling	✓	✓
Standalone SCPI interface	✗	✓
USB connector	Type B	Type C
Ethernet connection	✗	✓
Network capability	✗	✓
Webinterface	✗	✓
Powered via USB-PD	✗	✓
Powered via Ethernet (PoE+)	✗	✓
Signal source indicator	✗	✓
Channel termination indicator	✗	✓ (*)
External reference frequency input	✗	✓ (*)
External trigger input	✗	✓ (*)
USB-A host interface	✗	✓ (*)
Passive cooling (fan-less)	✓	✓
List price	\$6,390.00	\$14,900.00

(*)...hardware is ready, function available in future software release