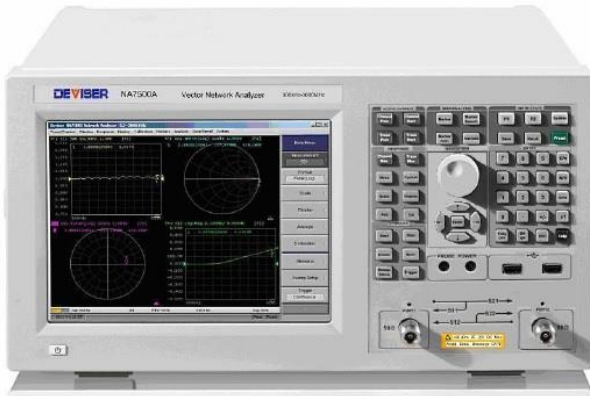


DEVISER VECTOR NETWORK ANALYZER

NA7500 SERIES



NA7500 Specifications	
1.1. Source	
Frequency Range	300 kHz ~ 3000 MHz
Frequency Stability	$\leq \pm 5 \times 10^{-6}$
Frequency Resolution	1 Hz
Frequency Resolution	1 Hz
Level Accuracy	$\leq \pm 1\text{dB}$
Directivity	$\geq 30\text{ dB}$ (one-port calibration)
Port Impedance	50 Ω , (using 50 Ω -75 Ω converter to realize 75 Ω)
1.2. Receiver	
Frequency Range	300 kHz ~ 3000 MHz
RBW	1 Hz ~ 30 kHz
Dynamic Range	$\geq 125\text{ dB}$ (RBW = 10 kHz)
Max. Input Power	+26 dBm
Damage Level	+35VDC
1.3. Transmission measurement precision (amplitude/phase)	
0.2dB / 2°	+5dB~+15dB
0.1dB / 1°	-50dB~+5dB
0.2dB / 2°	-70dB~-50dB
1.0dB / 6°	-90dB~-70dB
1.4. Reflection measurement precision (amplitude/phase)	
0.4dB / 3°	-15dB~0dB
1.5dB / 7°	-25dB~-15dB
4.0dB / 22°	-35dB~-25dB

1.5. Ports	
Front panel	
RF connectors	Type-N, female; 50Ω nominal
USB Port	USB
Rear panel	
GP-IB port	24-PIN , D-SUB
Parallel port	25-PIN , D-SUB
VGA	VGA 15PIN,D-SUB
LAN	Standard Ethernet
USB	-
Trigger interface	BNC 0~+5V
Reference input and output interface	BNC 10MHz 2dBm±2dB
1.6. General information	
Power supply	AC 220V ±22V / 50Hz Hz 60W
Weight	7.1 Kg
Operating temperature	+5°C ~ +40°C
Storage temperature	-45°C ~ +55°C
Size	440 mm × 231 mm × 360 mm