seeed studio

INDUSTRIAL PRODUCT DATASHEET

Chelegance JNCRadio VNA 7 Inch 4.4GHz Vector Network Analyzer with Capacitive Touchscreen

The Chelegance JNCRadio VNA 4.4GHz Vector Network Analyzer is a handheld Vector Network Analyzer covering 50kHz to 4.4GHz.

SKU	UPDATED	PRICE
100092748	2026-11-11 06:37:53	$399.00(Excl. VAT)



Overview



The Chelegance JNCRadio VNA 4.4GHz Vector Network Analyzer is a handheld Vector Network Analyzer covering 50kHz to 4.4GHz. Featuring a 7-inch IPS capacitive touchscreen, a robust metal casing, and 8GB internal storage, it offers professional-grade S11/S21 measurements and TDR capabilities, making it an ideal tool for testing antennas, filters, and RF components.

Key Features

01

50kHz - 4.4GHz Wide Frequency Range

Covers a broad frequency spectrum from 50kHz to 4.4GHz with a fast sweep speed of 400 points/s. It is perfectly suited for testing MF/HF/VHF/UHF antennas, including Shortwave, Wi-Fi, Bluetooth, and GPS applications.

02

7-Inch High-Definition Capacitive Touchscreen

Features a large 7-inch IPS LCD display with a resolution of 1024x600 and capacitive touch control. The bright screen ensures clear visibility even in outdoor environments, while the touch interface combined with 4 physical buttons offers intuitive operation.

03

Professional RF Performance & TDR Function

Provides excellent dynamic range (S21 up to 70dB, S11 up to 50dB) for precise component testing. It also supports Time Domain Reflectometry (TDR) for measuring cable length and locating break points.

04

Built-in 8GB Storage & Easy Data Export

Comes with a built-in 8GB memory card to store calibration states, .snp files, and screenshots. It functions as a virtual USB drive when connected to a PC via USB-C, allowing drag-and-drop file export without driver installation.

05

Robust Metal Shielding & Long Battery Life

Designed with a CNC metal case to effectively shield against external electromagnetic interference. Powered by two built-in 18650 batteries (6700mAh total), it supports up to 4 hours of continuous operation and USB-C charging.

Product Gallery









Hardware Overview



Applications

- **Antenna Matching & Tuning**
- **RF Component Testing**
- **Cable Verification & TDR**
- **RF Circuit Design & Education**

Resource Links

- https://www.seeedstudio.com/Chelegance-JNCRadio-VNA-7-Inch-4-4GHz-Vector-Network-Analyzer-with-Capacitive-Touchscreen-p-6696.html
- Specification

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com