

# Keysight N9330B Cable and Antenna Tester

Bright new display and powerful features for field applications



New cable and antenna tester boosts your troubleshooting and testing speed with optimized usability

- Bright display. 6.5 color TFT LCD gives bright display both indoors and outdoors with largest view angle in class.
- Long battery life. With 4 hours battery operating time, N9330B enhances field test effectiveness.
- Back-lit keys. The first handheld cable and antenna tester with back-lit keys for use in the dark.
- Modern USB connectivity. N9330B supports USB memory stick and PC connectivity for easy, efficient data management and automation.
- Smart electronic calibrator. The optional electronic calibrator fulfills calibration with one connection very quickly and enhances the field test efficiency.

1. Robust, comfortable, quick-grab hand strap
2. 6.5" TFT LCD offers clear view both indoors and outdoors
3. 11-language user interface
4. Built-in light sensor to adjust brightness automatically
5. Print screen button for quick screen capture
6. Back-lit keys for operating in the dark
7. Fast recall of stored data
8. 4-hour battery operating time
9. Modern USB connectivity for both memory stick and PC software post analysis
10. Lightweight and portable design: 2.6 kg (5.73 lbs), 2.9 kg (6.93 lbs) with battery

## N9330B key specifications

| Options                | Description   |
|------------------------|---|
| Test function          | Return loss, SWR, cable loss and distance-to-fault (DTF)          |
| Frequency range        | 25 MHz to 4.0 GHz   |
| Frequency resolution   | 100 kHz   |
| Measurement speed      | 3.0 ms/data point (typically)                                     |
| Number of data points  | 521 (maximum) (selectable: 521, 261,131)                          |
| User storage           | 200 traces, 15 setups, 10 screens                                 |
| Connectivity           | USB interface for USB memory stick, and PC software post analysis |
| Language               | Multi-language user interface                                     |
| Display                | 6.5" 640 x 480 color LCD  |
| Operating temperature  | -10 °C to 50 °C (14 °F to 122 °F), humidity 85% or less           |
| Storage temperature    | -40 °C to 80 °C (-40 °F to 176 °F)                                |
| Internal battery       | Rechargeable lithium-ion battery, 4 hours operating time          |
| Dimensions (W x H x D) | 317 mm x 207 mm x 69 mm (12.5 in x 8.1 in x 2.7 in)               |

| Model  | Description                                       |
|--------|---|
| N9330B | 25 MHz to 4 GHz handheld cable and antenna tester |

| Options   | Description   |
|-----------|---|
| 201       | Precision mechanical short/open/50 load, DC to 4 GHz, N(M)        |
| 202       | Precision mechanical short/open/50 load, DC to 4 GHz, 7/16 DIN(M) |
| 203       | Electronic calibrator   |
| 301       | Phase-stable extension cable 1.5 m, N(M) to N(F)                  |
| 302       | Phase-stable extension cable 1.5 m, N(M) to 7/16 DIN(M)           |
| 303       | Connector adaptor, N(M) to 7/16 DIN(F)                            |
| BAT       | Spare rechargeable battery  |
| ADP       | Spare AC-DC adaptor   |
| 1DN       | Automotive 12 V DC charger  |
| 1TC       | Hard transit case   |
| ABA & AB2 | User guide hard copy  |

| Accessories   |
|---|
| Soft carrying case  |
| Rechargeable battery  |
| AC-DC adaptor with power cord                                     |
| USB cable   |
| Quick-start tutorial  |
| Documentation CD (also includes measurement analysis PC software) |

## N9330B key features

- It measures return loss, cable loss, SWR and distance-to-fault (DTF)
- Smart and fast electronic calibrator
- Powerful post analysis PC software
- Auto pass and fail test
- Fast sweep speed, typically 1.6 seconds
- Up to 521 measurement points per sweep
- Store 200 traces and 15 setups to the internal memory

## Accessories supplied as standard with the tester

- Documentation CD
- Quick-start tutorial
- Soft carrying case
- Rechargeable battery
- AC-DC adaptor with power cord
- USB cable

## Optimized for applications

- Wireless service providers (WSPs)
- Aerospace & defense (AD) customers
- TV & broadcasting customers
- Contractors for above

### Three-Year Warranty

[www.keysight.com/find/ThreeYearWarranty](http://www.keysight.com/find/ThreeYearWarranty)

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.



### Keysight Assurance Plans

[www.keysight.com/find/AssurancePlans](http://www.keysight.com/find/AssurancePlans)

Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.

