


ROHDE & SCHWARZ

Make ideas real

R&S®ZPH-ANR4 GPS BUNDLE

One-port cable and antenna analyzer with GPS support

The perfect choice for

 RF transmitter
installation and
maintenance

Training

 Transmission line
measurements

 Antenna
measurements

Key specifications	
Frequency range	2 MHz to 4 GHz
Measurement speed	0.3 ms/point
Data points	101 points to 2501 points
Measurement modes (standard)	DTF, return loss, VSWR, one-port cable loss, loss, Smith chart, phase
Measurement modes (optional)	internal power meter, power measurements with power sensor, pulse measurements
Max. permissible spurious signal	+17 dBm
Boot time	< 15 s
Battery life (full charge)	9 hours
Weight	2.5 kg



Cost-saving solution

The R&S®Cable Rider ZPH is a one-port analyzer with all the essential basic measurement capabilities for field installation and maintenance of radio transmission links. Unique features enable fast and efficient cable and antenna measurements.

With its short boot and warm-up time and high measurement speed, the R&S®Cable Rider ZPH gets down to analyzing extremely quickly.

The built-in GPS allows all measurement results to be saved with the measurement site coordinates, simplifying documentation.

Your benefit	Features
Hybrid operation	Big keypad and sensitive capacitive touchscreen
Make the right measurement instantly	Wizard function, preconfigured settings
One-step calibration	With the R&S®ZN-Z103 automatic calibration unit, users do not need to toggle between O/S/L standards
Shortest test time	Fastest measurement speed (0.3 ms/point), short boot and warm-up times
Work in all environmental conditions	Nonreflective display and illuminated keypad for dark or bright environments, water-resistant carrying holster for rainy days
Buy what you need when you need it	Upgrade via keycode, no downtime, no upgrade calibration required
Wireless remote control	Free downloadable Android/iOS app (third-party wireless router required)



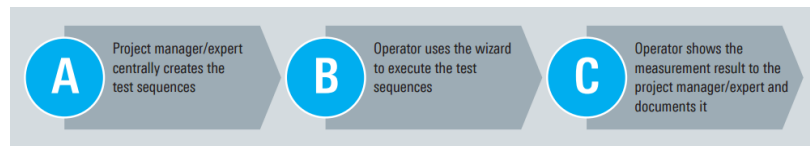
For prices and more information, visit
www.rohde-schwarz.com/product/ZPH

Standard measurements



Standard measurements include distance to fault, return loss, one-port cable loss, reflection (S_{11}). Result formats of S_{11} reflection measurements: magnitude, SWR, Smith chart, phase, etc.

Wizard function



Fast and accurate measurements in three simple steps

Feature highlights

Fast and efficient

- ▶ No calibration required – start measuring with the fastest measurement speeds right away
- ▶ Enjoy the fastest boot and warm-up times
- ▶ Deploy quickly and correctly with the wizard function
- ▶ Buy what you need when you need it
- ▶ Operate remotely with R&S®MobileView, an Android/iOS app

Wireless remote control app



Tablet with Android/iOS app to control the analyzer remotely

Calibration unit and kit



One-step calibration with automatic calibration unit (R&S®ZN-1103)



Combined O/S/L calibration kit (R&S®FSH-Z29)

Brightness adjustable backlit keypad



Suitable for use in dim conditions or at night

Package	
Description	Item
R&S®Cable Rider ZPH One-port N (f), 2 MHz to 4 GHz (with R&S®ZPH-B4 frequency upgrade) GPS support (R&S®ZPH-B10)	R&S®ZPH-ANR4
Popular options/accessories	
Description	Item
Calibration unit, one-port, 2 MHz to 4 GHz	R&S®ZN-Z103
Combined open/short/50 Ω load calibration standard for calibrating VSWR and DTF measurements, DC to 3.6 GHz	R&S®FSH-Z29

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