ROHDE&SCHWARZ
Make ideas real

R&S®ZPH-FOX4 SPECTRUM ANALYSIS BUNDLE

Two-port cable and antenna analyzer with spectrum analysis

The perfect choice for

- RF transmitter installation and maintenance
- Spectrum clearance
- Transmission line measurements
- Antenna measurements

Key specifications	
Frequency range	2 MHz to 4 GHz (cable and antenna mode) 5 kHz to 4 GHz (spectrum mode)
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)	interference hunting, internal power meter, power measurements with power sensor, pulse measurements, modulation analysis
Max. permissible spurious signal	+17 dBm
Boot time	< 15 s
Battery life (full charge)	up to 9 hours
Weight	2.5 kg

Cost-saving solution – one box does it all

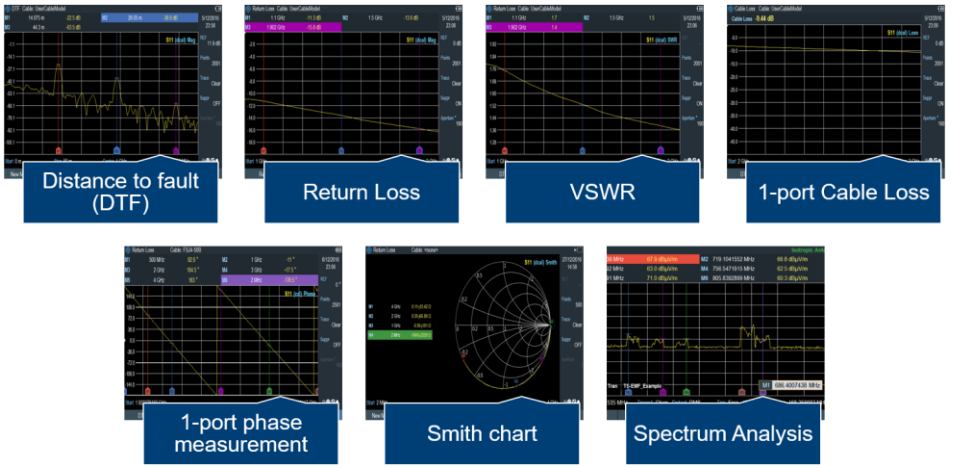
The R&S®Cable Rider ZPH two-port model quickly and efficiently performs all essential cable and antenna measurements required for field installation and maintenance of radio transmission links.

The two-port analyzer offers more functionality than the one-port model. It can perform spectrum analysis with the included R&S®ZPH-K1 option and has an independent tracking source and integrated bias tee. All these adds-on make the R&S®Cable Rider ZPH the perfect field installation and maintenance tool.

Your benefit	Features
Perform multiple tasks in a single box	Offers cable and antenna measurement functions, spectrum analysis, S_{11} and S_{21} measurements, etc.
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

More functionality



This package supports all the one-port cable and antenna measurements as well as S_{21} and spectrum analysis (channel power measurement, occupied bandwidth, spectrum emission mask, harmonic distortion, etc.)

Wireless remote control app

Connected to a third-party wireless router

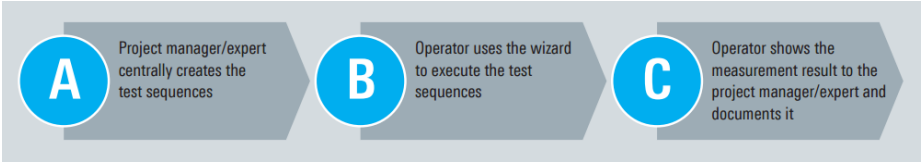
Tablet with Android/iOS app to control the analyzer remotely

Calibration unit and kit

One-step calibration with automatic calibration unit (R&S®ZN-Z103)

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

Wizard function



Fast and accurate measurements in three simple steps

Package	
Description	**Item**
R&S®Cable Rider ZPH Two-port N (f), 2 MHz to 4 GHz (with R&S®ZPH-B4 frequency upgrade) Spectrum analysis (R&S®ZPH-K1) Preamplifier (R&S®ZPH-B22)	R&S®ZPH-FOX4

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

More functionality

- ► A cost-efficient multipurpose instrument for spectrum clearance, RF transmitter installation and maintenance as well as interference hunting
- ► Built-in tracking generator
- ► Built-in bias tee

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