



R&S®FPC SPECTRUM ANALYZER

Unexpected performance in entry class

The perfect choice for

R&D & service labs

Test automation

Professionals
Hobbyists

Education & training

Class-leading RF performance

Engineered in Germany, the R&S®FPC has an extraordinarily low noise floor and high max. input power, in combination providing the best dynamic range in its class

High resolution

High display resolution with 10.1" WXGA display and measurement bandwidth settings down to 1 Hz resolve the finest spectral details

Virtual control

The R&S®FPC supports wired Ethernet and Wi-Fi connectivity. R&S®InstrumentView for Microsoft® Windows as well as the iOS/Android App based R&S®MobileView platforms enable remote control and measurement anywhere, anytime



Outstanding performance and innovation

The R&S®FPC spectrum analyzer provides unexpected performance at a budget-friendly price. It is engineered in Germany and designed to the same quality standards as highend instruments.

Investment protection

The R&S®FPC base instrument has a frequency range of 5 kHz to 1 GHz. Keycode options unlock higher frequency ranges up to 3 GHz or enable other features when required

Key specifications	R&S®FPC1000	R&S®FPC1500
Models	R&S®FPC1000	R&S®FPC1500
Frequency range	5 kHz to 1 GHz with upgrades up to 3 GHz	
Max. input power	up to +30 dBm	
Low noise floor	down to -165 dBm (typ., with preamplifier)	
Phase noise	< -103 dBc/Hz (f=500 MHz, @100 kHz offset)	
Connectivity	LAN, USB, Wi-Fi (optional)	
Measurement options	modulation analysis, receiver mode, advanced measurements	
Independent signal generator	No	Yes
Tracking generator	No	Yes

Your benefit	Features
Investment protection	All upgrades available via keycode, no additional calibration required
More resolution for better measurements	<ul style="list-style-type: none"> ▶ Lowest noise floor in class down to -165 dBm (typ., with preamplifier) ▶ resolution bandwidth down to 1 Hz ▶ 10.1" WXGA display
Flexible remote measurements	First Wi-Fi-enabled spectrum analyzer (R&S®FPC-B200 option) for wirelessly accessing the instrument



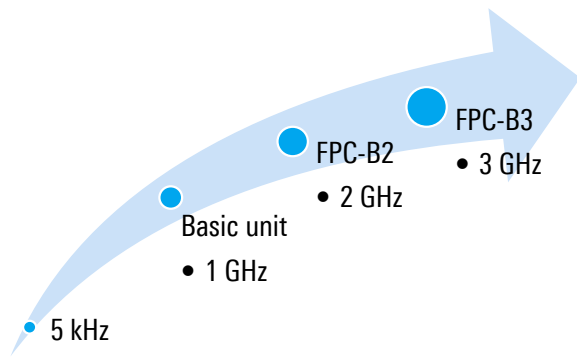
For price and more information:
www.rohde-schwarz.com/catalog/FPC

Highlights

- ✓ Flexible upgrade concept
- ✓ 10.1" display
- ✓ Low noise floor
- ✓ 1 Hz resolution bandwidth
- ✓ High max. input power
- ✓ Easy to control

Class-leading spectrum analyzer engineered in Germany.

Frequency extension using keycodes



Buy what you need when you need it.

Ordering information

Base unit	
R&S®FPC1000 spectrum analyzer, 5 kHz to 1 GHz	R&S®FPC1000
R&S®FPC1500 spectrum analyzer, 5 kHz to 1 GHz	R&S®FPC1500
Option	Base Unit
Spectrum analyzer frequency upgrade, 1 GHz to 2 GHz	R&S®FPC-B2
Spectrum analyzer frequency upgrade, 2 GHz to 3 GHz	R&S®FPC-B3
Spectrum analyzer preamplifier	R&S®FPC-B22
Wi-Fi connection support	R&S®FPC-B200
Modulation analysis	R&S®FPC-K7
Receiver mode	R&S®FPC-K43
Advanced measurements	R&S®FPC-K55
Accessories	
19" rackmount kit	R&S®ZZA-FPC1
Near field probes, 30 MHz to 3 GHz	R&S®HZ-15
Amplifier, 100 kHz to 3 GHz	R&S®HZ-16
Carrying case	R&S®RTB-Z3

Easy virtual control ¹⁾ – control it your way, be it wired or wirelessly

Wireless remote control with R&S®MobileView apps (available on Android and iOS)



Wired/wireless remote control with R&S®InstrumentView PC software



Flexible remote control on demand, anywhere, anytime.

¹⁾ Wi-Fi feature not available in some countries due to local certification requirements.