R&S®FPC-Z10 Teaching Kit
RF Teaching Solution

The perfect choice for

University education

Demonstrations

Your benefit	Features
Value of three	The R&S®FPC1500 combines a spectrum analyzer, vector network analyzer and signal generator
One-stop teaching solution	Course materials tailored to hardware for a holistic learning experience
Investment protection	All spectrum analyzer upgrades available via keycode; no additional calibration required

Solution overview

Spectrum analyzer	R&S®FPC1500 spectrum analyzer with the value of three
Teaching hardware	R&S®FPC-Z10 teaching kit
Teaching software	R&S®InstrumentView
Hands-on learning	Lab sheets with step-by-step practical exercises and quizzes

▷ For more information,
see www.rohde-schwarz.com/product/fpc

The R&S®FPC-Z10 teaching kit for the R&S®FPC1500 provides added value

❚ Teaching kit
R&S®FPC1500 – an affordable spectrum analyzer with the value of three: spectrum analysis, one-port vector network analysis and signal generation

RF teaching kit – a universal board with a transceiver, DC/DC converter circuitry for EMI troubleshooting and an onboard calibration kit for network analysis

❚ Lab sheets
Step-by-step exercises for the teaching kit to equip students with practical skills in operating test and measurement instruments

❚ R&S®InstrumentView
R&S®InstrumentView includes an educational feature called "Lab" that can help professors conveniently manage, monitor and assist students with their measurements from a central or remote location

ROHDE&SCHWARZ

Highlights

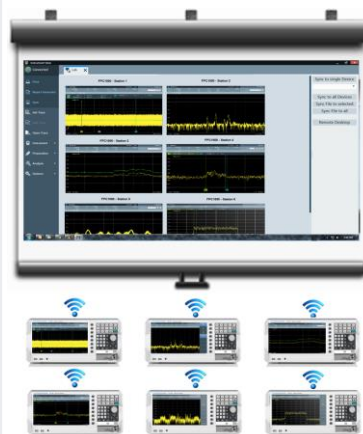|	
✔ Upconverter path	✔ DC / DC converter
✔ Down-converter path	✔ I/Q modulator/demodulator*
✔ Calibration kit	✔ Adjustable LO

Multifunctional kit for teaching and work
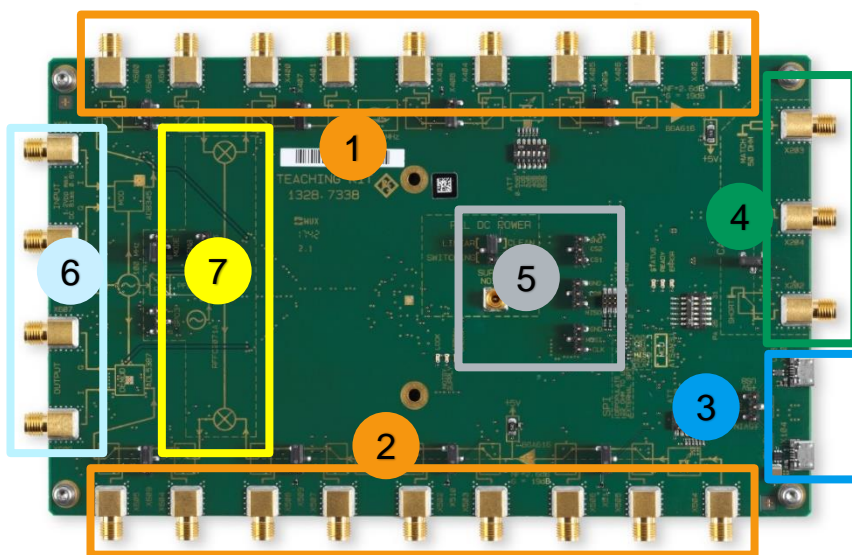* Will be available via firmware update

R&S®InstrumentView

Virtual classroom – no need to wire devices, easy to remotely assist students anywhere

Ordering information

Model configuration information

Base unit	Description
R&S®FPC1500	Spectrum analyzer, 5 kHz to 1 GHz
R&S®FPC-Z10	R&S®FPC teaching kit
Option	**Description**
R&S®FPC-B2	Spectrum analyzer frequency upgrade, 1 GHz to 2 GHz
R&S®FPC-B3	Spectrum analyzer frequency upgrade, 2 GHz to 3 GHz
R&S®FPC-B22	Spectrum analyzer preamplifier
R&S®FPC-K7	Modulation analysis
R&S®FPC-K42	One-port vector network analysis
R&S®FPC-K43	Receiver mode
R&S®FPC-K55	Advanced measurements
Accessories	**Name**
R&S®HZ-15	Near-field probe, 30 MHz to 3 GHz
R&S®HZ-16	Amplifier, 100 kHz to 3 GHz
R&S®HZ-17	Near-field probe, 30 MHz to 3 GHz
R&S®FSH-Z320	RF cable (1 m)

R&S®FPC-Z10 teaching kit overview

1. **Upconverter**
2. **Downconverter**
3. **Power supply**
4. **Calibration Kit**
5. **DC/DC converter**
6. **IQ Modulator / Demodulator**
7. **Local Oscillator**