R&S®FPC1500 Spectrum Analyzer with the Value of Three Unexpected performance in entry class

The perfect choice for



R&D and service labs		Test automation	
Professional hobbyists		Education and training	
Key specifications			
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)		
Connectivity	LAN, USB, Wi-Fi (optional)		
Measurement options	modulation analysis, receiver mode, advanced measurements		
Tracking Generator	5 kHz to 1/2/3 Ghz		
Your benefit	Features		
Value of three	R&S®FPC1500 combines the value of a spectrum analyzer, a vector network analyzer and a signal generator		
More resolution for better measurements	Lowest noise floor in its class, down to –165 dBm (typ. with preamplifier), Resolution bandwidth down to 1 Hz, 10.1" WXGA display		
Investment protection		s available via keycode, no alibration required	

Value of three R&S[®]FPC1500 combines three instruments in one:

Spectrum analyzer

The R&S®FPC1500 base instrument has a frequency range from 5 kHz to 1 Ghz with keycode options to unlock up to 3 GHz and other features. Engineered in Germany, it provides the best dynamic range in its class. In combination with RBW settings down to 1 Hz, it resolves the finest details, which are displayed on the high-resolution 10.1" WXGA display. Wired or wireless remote control options are available free of charge.

Network analyzer

The R&S[®]FPC1500 features an internal VSWR bridge that makes purchasing and mounting/ dismounting an external bridge unnecessary. S11 reflection measurements are supported, including Smith chart and DTF features.

Signal generator

The R&S®FPC1500 not only features standard tracking generator measurements with frequency offset functionality, its signal source is independent to enable signal generator functionality. A CW signal can be set within the frequency range, or in a coupled mode to follow the center frequency setting of the spectrum analyzer mode.

▷ For more information,

see www.rohde-schwarz.com/product/fpc1500



PR&S[®]FPC1500

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Ordering information

Model configuration information		
Base unit	Description	
F&S®FPC1500	R&S®FPC1500 spectrum analyzer, 5 kHz to 1 GHz	
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-B200	Wi-Fi connection support	
R&S®FPC-K7	Modulation analysis	
R&S®FPC-K42	Vector network analysis	
R&S®FPC-K43	Receiver mode	
R&S®FPC-K55	Advanced measurements	
Accessories	Name	
R&S®ZZA-FPC1	19" rackmount kit	
R&S®HZ-15	Near-field probes, 30 MHz to 3 GHz (set of 5 probes)	
R&S®HZ-16	Amplifier, 100 kHz to 3 GHz	
R&S®HZ-17	Near-field probes, 30 MHz to 3 GHz (set of 2 probes)	
R&S®RTB-Z3	Carrying case	

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 R&S* is a registered trademark of Rohde & Schwarz GmbH & Co. KG | PD 5215.7345.32 | Version 01.00 | March 2018 (ss)

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