The R&S®FSC features very good RF performance. Its DANL, TOI and phase noise make it ideal for many standard measurement applications. General-purpose spectrum analysis presets for spectral characteristics, e.g. harmonics, AM modulation depth, ACLR, etc. are included as standard.

R&S®FSC has the smallest footprint in its class at only 3 HU, ½ 19”. It takes up very little space on a bench. Two R&S®FSC analyzers or one R&S®FSC and an R&S®SMC signal generator fit in just 3 HU of rack space.

Total cost of ownership is excellent due to affordable initial and calibration costs, plus very low operating cost with only 12 W power consumption.

Key specifications

- Frequency range: 9 kHz to 3/6 GHz
- Max. input power: up to +30 dBm
- Low noise floor: down to –165 dBm (typ., with preamplifier)
- Phase noise: < –100 dBc/Hz (f=500 MHz, @100 kHz offset, normalized to 1 Hz RBW)

- Connectivity: LAN, USB
- Measurement options: tracking generator, preamplifier

Your benefit

- Easy to set up: Owing to its compact design, the R&S®FPC only takes up minimal bench space
- Easy to operate: All important settings are available via proper hardkeys, supplemented by softkeys on lower display edge
- Wide choice: 4 base models to fit customer needs

For more information, see www.rohde-schwarz.com/product/fsc
### Highlights
- High RF performance
- Low power consumption
- Low noise floor
- Compact form factor
- High max. input power
- Easy to control

Class-leading spectrum analyzer engineered in Germany.

### Tracking generator

- Tracking generator for scalar transmission measurements.

### Model configuration information

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
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</thead>
<tbody>
<tr>
<td>9 kHz to 3 GHz</td>
<td>R&amp;S®FSC3</td>
</tr>
<tr>
<td>9 kHz to 3 GHz, with tracking generator</td>
<td>R&amp;S®FSC3</td>
</tr>
<tr>
<td>9 kHz to 6 GHz</td>
<td>R&amp;S®FSC6</td>
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<tr>
<td>9 kHz to 6 GHz, with tracking generator</td>
<td>R&amp;S®FSC6</td>
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</table>

### Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preamplifier for spectrum analyzer</td>
<td>R&amp;S®FSC-B22</td>
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### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Accessories</th>
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</thead>
<tbody>
<tr>
<td>19” rackmount kit for two R&amp;S®FSC</td>
<td>R&amp;S®ZZA-T33</td>
</tr>
<tr>
<td>19” rackmount kit for one R&amp;S®FSC</td>
<td>R&amp;S®ZZA-T34</td>
</tr>
<tr>
<td>Headphones</td>
<td>R&amp;S®FSH-Z36</td>
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<tr>
<td>Near-field probes, 30 MHz to 3 GHz</td>
<td>R&amp;S®HZ-15</td>
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<tr>
<td>Preamplifier for R&amp;S®HZ-15, 100 kHz to 3 GHz</td>
<td>R&amp;S®HZ-16</td>
</tr>
</tbody>
</table>

### Easy virtual control – control it your way, be it wired or wireless*

Wireless remote control with R&S®MobileView app*

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

Flexible remote control on demand, anywhere, anytime.

* Via a wireless router connected to the instrument’s LAN port

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