



FS-Z500

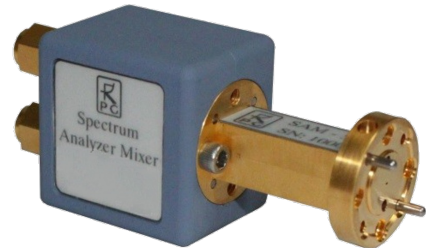
FS-Z500

Part-No.: 3593.3273.02

Product Description

Features:

- Low conversion loss
- High 1 dB compression Point
- High LO frequency range
- No biasing required
- Calibration data provided in file format
- Compatible with R&S Spectrum Analyzers (B21 Option)



Technical Specifications

| | |
|--------------------------------|-----------------------------|
| Frequency Range [GHz] | 325 - 500 |
| RF Port | WR2.2 (UG387/UM) |
| IF & LO Interface | SMA-F |
| LO Harmonic No. | 36 |
| LO Frequency [GHz] | 9.02 to 13.88 |
| LO Power Range [dBm] | +14 to +15 |
| IF Frequency | 5 MHz to 3 GHz ¹ |
| RF VSWR | 2.7:1 |
| 1 dB Compr. point [dBm (typ.)] | -3 |
| Maximum RF Power [dBm] | +3 |
| Conversion Loss [dB] | max. 65, typ. 58 |
| Traceable Standard | Power meter reference |

(Each Spectrum Analyzer Mixer comes with a calibration file on an USB-Stick to upload to a R&S FS-Z (SAM).)

¹ The actual IF frequency depends on the used spectrum analyzer. Conversion loss tables are supplied for 404.4 MHz, 729 MHz and 1330 MHz.



Typical Performance

