



FS-Z90

FS-Z90

Part-No.: 1048.0371.02

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]	60 - 90
RF Port	WR12 (UG387/UM)
IF & LO Interface	SMA-F
LO Harmonic No.	6
LO Frequency [GHz]	7.44 to 15.34
LO Power Range [dBm]	+13.5 to +16
IF Frequency	500 MHz to 3.2 GHz ¹
RF VSWR	1.5:1, 1.4:1 (typ.)
1 dB Compr. point [dBm (typ.)]	-7
Max. RF Input Power [dBm]	+0
Conversion Loss [dB]	max. 30, typ. 23
Traceable Standard	fully referenced

(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

Conversion Loss FS-Z90

