

**FS-Z75**

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Part-No.: 3638.2240.02

## 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]	50 – 75
RF Port	WR15 (UG385/U)
IF & LO Interface	SMA-F
LO Harmonic No.	6
LO Frequency [GHz]	8 to 12.84
LO Power Range [dBm]	+13.5 to +16
IF Frequency	5 MHz to 6 GHz <sup>1</sup>
RF VSWR	1.4:1 (typ.)
1 dB Compr. point [dBm (typ.)]	-5
Max. RF Input Power [dBm]	+10
Conversion Loss [dB]	50 GHz ≤ f <sub>RF</sub> ≤ 65 GHz: max. 24, typ. 20
	65 GHz ≤ f <sub>RF</sub> ≤ 75 GHz: max. 26, typ. 21
Traceable Standard	fully referenced

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

<sup>1</sup> 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**

