

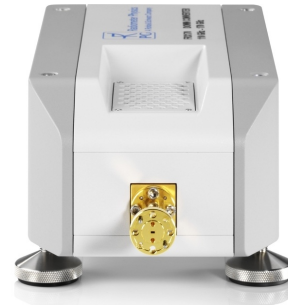


**FRX90**  
**FRX90 Receiver**  
Part-No.: 09600000

**Product Description**

**Key Features:**

- Full Band WR12 (60 - 90 GHz)
- High Dynamic Range: typ. 123 dB
- Passive Cooling
- Convenient handling
- Test port adapters
- Multi position housing for on-wafer and waveguide measurements



**Accessories/Options:**

- Antennas
- Fixed attenuators
- Mechanical tunable attenuators (0-40dB)

Technical Specifications	
RF Frequency [GHz]	60 - 90
SSB Conversion Loss [dB (typ.)]	0
DANL [dBm/Hz]	150
System NF [dB]	20
Dynamic <sup>1</sup> [dB (typ.)]	123
Input Signal 1 dB Compression Point [dBm]	-5
RF Input Port	WR12 (UG387/UM)
LO Multipl. Factor	6
Input VSWR	1.5:1
LO Input power [dBm]	+13,5
LO Frequency Range [GHz]	10 - 15
IF Frequency Range [MHz]	1 – 2500
Compatible with FSU and FSW	yes

<sup>1</sup> Resolution Bandwidth 10 Hz, measured with RPG TX-110