



**FRX220**  
**FRX220 - Receiver**  
Part-No.: 09600012

**Product Description**

**Key Features:**

- Full Band WR5.1 (140 - 220 GHz)
- High Dynamic Range: typ. 135 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]	140 - 220
SSB Conversion Loss [dB (typ.)]	+5
DANL [dBm/Hz]	150
System NF [dB]	15
Dynamic <sup>1</sup> [dB (typ.)]	135
Input Signal 1 dB Compression Point [dBm]	-5
RF Input Port	WR5.1 (UG387/UM)
LO Multipl. Factor	12
Input VSWR	1.5:1
LO Input power [dBm]	+13,5
LO Frequency Range [GHz]	11.66 - 18.34
IF Frequency Range [MHz]	1 – 2500
Compatible with FSU and FSW	no

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