



**FRX110**  
**FRX110 - Receiver**  
Part-No.: 09600004

**Product Description**

**Key Features:**

- Full Band WR10 (75-110 GHz)
- High Dynamic Range: typ. 155 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]	75 - 110
SSB Conversion Loss [dB (typ.)]	+20
DANL [dBm/Hz]	150
System NF [dB]	5
Dynamic <sup>1</sup> [dB (typ.)]	155
Input Signal 1 dB Compression Point [dBm]	-35
RF Input Port	WR10 (UG387/UM)
LO Multipl. Factor	6
Input VSWR	1.5:1
LO Input power [dBm]	+13,5
LO Frequency Range [GHz]	12.5 - 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



Typical Performance

FRX110

