



**FRX500**  
**FRX500 - Receiver**  
Part-No.: 09600015

**Product Description**

**Key Features:**

- Full Band WR2.2 (325 - 500 GHz)
- High Dynamic Range: typ. 115 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]	325 - 500
SSB Conversion Loss [dB (typ.)]	+5
DANL [dBm/Hz]	140
System NF [dB]	25
Dynamic <sup>1</sup> [dB (typ.)]	115
Input Signal 1 dB Compression Point [dBm]	-5
RF Input Port	WR2.2 (UG387/UM)
LO Multipl. Factor	36
Input VSWR	2.3:1
LO Input power [dBm]	+13,5
LO Frequency Range [GHz]	9.02 - 13.89
IF Frequency Range [MHz]	1 – 2500
Compatible with FSU and FSW	no

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