



FRX170
FRX170 - Receiver
Part-No.: 09600034

Product Description

Key Features:

- Full Band WR6.5 (110 - 170 GHz)
- High Dynamic Range: typ. 125 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]	110 - 170
SSB Conversion Loss [dB (typ.)]	+5
DANL [dBm/Hz]	150
System NF [dB]	15
Dynamic ¹ [dB (typ.)]	125
Input Signal 1 dB Compression Point [dBm]	-5
RF Input Port	WR6.5 (UG387/UM)
LO Multipl. Factor	12
Input VSWR	1.5:1
LO Input power [dBm]	+13,5
LO Frequency Range [GHz]	6.875 - 10.625
IF Frequency Range [MHz]	1 – 2500
Compatible with FSU and FSW	yes

¹ Resolution Bandwidth 10 Hz, measured with RPG TX-110