



ZRX170
ZRX170 High Dynamic Receiver

Part-No.: 3622.0737.02

Product Description

Key Features:

- Full Band WM-1651 (110-170 GHz)
- High Dynamic Range: typ. 130 dB
- Fixed attenuators
- Passive Cooling
- Convenient handling
- Multi position housing for on-wafer and waveguide measurements
- Compatible to IEEE Flange



Accessories/Options:

- Antennas
- Test port adapters
- Mechanical tunable attenuators (0-40dB)

Technical Specifications	
RF Frequency [GHz]	110 - 170
Receiver Response ¹ [dB (typ.)]	--
System NF [dB (typ.)]	--
Dynamic ² [dB (typ.)]	>90, typ. 105
Input Signal 1 dB Compression Point [dBm]	-5
RF Input Port	WM-1651 (UG387 and IEEE flange compatible)
LO Multipl. Factor	10
LO VSWR	2:1
IF VSWR	1.4:1
LO Input power [dBm]	+7
LO Frequency Range [GHz]	6.875 - 10.625
IF Frequency Range [MHz]	1 – 2500
LO Damage Level [dBm]	+16
RF Damage Level [dBm]	0

¹ Receiver response with IF amplification

² Resolution Bandwidth 10 Hz, measured with RPG TX-170



Typical Performance

