



**ZRX330**  
**ZRX330 High Dynamic Receiver**

Part-No.: 3622.0766.02

**Product Description**

**Key Features:**

- Full Band WM-864 (220 - 330 GHz)
- High Dynamic Range: typ. 120 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]	220 - 330
Receiver Response <sup>1</sup> [dB (typ.)]	--
System NF [dB (typ.)]	--
Dynamic <sup>2</sup> [dB (typ.)]	>100, typ. 115
Input Signal 1 dB Compression Point [dBm]	-5
RF Input Port	WM-864 (UG387 and IEEE flange compatible)
LO Multipl. Factor	24
LO VSWR	2:1
IF VSWR	2.3:1
LO Input power [dBm]	+7
LO Frequency Range [GHz]	9.16 - 13.75
IF Frequency Range [MHz]	1 – 2500
LO Damage Level [dBm]	+12
RF Damage Level [dBm]	0

<sup>1</sup> Receiver response with IF amplification

<sup>2</sup> Resolution Bandwidth 10 Hz, measured with RPG ZTX-330 +37 dB attenuation.



**Typical Performance**

