



ZRX500
ZRX500 High Dynamic Receiver

Part-No.: 3622.0772.02

Product Description

Key Features:

- Full Band WM-570 (330 - 500 GHz)
- High Dynamic Range: typ. 115 dB (typ.)
- 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]	330 - 500
Receiver Response ¹ [dB (typ.)]	--
System NF [dB (typ.)]	--
Dynamic ² [dB (typ.)]	>85, typ. 110
Input Signal 1 dB Compression Point [dBm]	-5
RF Input Port	WM-570 (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]	13.75 - 20.83
IF Frequency Range [MHz]	1 – 2500
LO Damage Level [dBm]	+12
RF Damage Level [dBm]	0

¹ Receiver response with IF amplification

² Resolution Bandwidth 10 Hz, measured with RPG ZTX-500 +37 dB attenuation.



Typical Performance

