



ZRX500
ZRX500 High Dynamic Receiver
Part-No.: 3622.0772.02

Product Description

Key Features:

- Full Band WR2.2 (325 - 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]	325 - 500
Receiver Response ¹ [dB (typ.)]	+15
System NF [dB (typ.)]	25
Dynamic ² [dB (typ.)]	115
Input Signal 1 dB Compression Point [dBm]	-5
RF Input Port	WR2.2 (UG387/UM) ³
LO Multipl. Factor	36
LO VSWR	
IF VSWR	2.3:1
LO Input power [dBm]	+7
LO Frequency Range [GHz]	13.88 - 20.83
IF Frequency Range [MHz]	1 – 2500
LO Damage Level [dBm]	
IF Damage Level [dBm]	

¹ Receiver response with IF amplification

² Resolution Bandwidth 10 Hz, measured with RPG ZTX-110 +37 dB attenuation.

³ compatible to IEEE Flange



Typical Performance

