



ZRX220
ZRX220 High Dynamic Receiver
Part-No.: 3622.0743.02

Product Description

Key Features:

- Full Band WR5.1 (140 - 220GHz)
- High Dynamic Range: typ. 135 dB
- Fixed attenuators
- Passive Cooling
- Convenient handling
- Multi position housing for on-wafer and waveguide measurements



Accessories/Options:

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

Technical Specifications

RF Frequency [GHz]	140 - 220
Receiver Response ¹ [dB (typ.)]	+5
System NF [dB (typ.)]	15
Dynamic ² [dB (typ.)]	135
Input Signal 1 dB Compression Point [dBm]	-5
RF Input Port	WR5.1 (UG387/UM) ³
LO Multipl. Factor	12
LO VSWR	
IF VSWR	1.5:1
LO Input power [dBm]	+7
LO Frequency Range [GHz]	11.66 - 18.34
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

ZRX220

