



ZRX75
ZRX75 High Dynamic Receiver
Part-No.: 21000027

Product Description

Key Features:

- Full Band WR15 (50-75 GHz)
- High Dynamic Range: typ. 135 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]	50 - 75
Receiver Response ¹ [dB (typ.)]	--
System NF [dB (typ.)]	--
Dynamic ² [dB (typ.)]	100, typ. 115
Input Signal 1 dB Compression Point [dBm]	typ. -5
RF Input Port	WR15 (UG385/U) ³
LO Multipl. Factor	6
LO VSWR	1.4:1
IF VSWR	1.5:1
LO Input power [dBm]	+7
LO Frequency Range [GHz]	8.33 - 12.5
IF Frequency Range [MHz]	1 – 2500
LO Damage Level [dBm]	+5 to +10
RF Damage Level [dBm]	0 (with 20dB attenuation)

¹ Receiver response with IF amplification

² Resolution Bandwidth 10 Hz, measured with RPG TX-110

³ compatible to IEEE Flange



Typical Performance

