



THE FLEXIBLE RADAR SET FMCW RADAR

HÜBNER Photonics | Coherence Matters.



DATASHEET

PLL-STABILIZED FMCW RADAR

DIMENSIONS & FEATURES			
Frequency band	E band	D band	WR 3.4
Frequency range	60 GHz – 90 GHz	120 GHz – 170 GHz	220 GHz – 260 GHz
Bandwidth	30 GHz	50 GHz	40 GHz
Measurement rate	> 1 kHz		
Dynamic range	80 dB	70 dB	60 dB
Output power	0 dBm (+30 dBm Bi-static)	-8 dBm	-10 dBm
Antenna port	WR-10	WR-6	WR-3.4
Interface	Micro USB (power supply & communication)		
Power consumption	~ 3.75 W		
Dimensions	40x20x50 mm		
Software	MATLAB programmable		
Options	Frequencies up to 300 Ghz, Mono or Bi-static, LNA, MPA		



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