



QEA Specifications

FREQUENCY BAND	K	Ka	Q	U	V	E	W	F	D
Frequency Range (GHz)	18-26.5	26.5-40	33-50	40-60	50-75	60-90	75-110	90-140	110-170
Waveguide Size	WR-42	WR-28	WR-22	WR-19	WR-15	WR-12	WR-10	WR-8	WR-6
Sensitivity (mV/mW) min 1,2	1500	1500	1500	1200	1800	1500	1200	1100	900
Flatness (dB) max3	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5	±2.0	±3.0	±3.0
Input Power (mW) max	100	100	100	100	100	100	100	50	50
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1. The sensitivity of QEA broadband detectors can be optimized over a narrow bandwidth if desired.
2. Measured at -20dBm input power level, into a 100 K ohm load.
3. Improved flatness can be achieved over reduced bandwidth.