

YIG Oscillators

Model No.	Tuning Range (GHz)	Power Output (dBm min)	Variation (dB max)	Harmonics (dBc max)	Temp Drift (MHz max)	Tuning Linearity (% max)	Hysteresis (MHz max)	Phase Noise at 100KHz (dBc/Hz)
Commercial YIG Tuned Oscillators								
FS1062	2.0 to 8.0	14	±2.5	-12	15	±0.15	8	-120
FS1064	2.0 to 4.0	14	±2.0	-12	15	±0.1	2	-120
FS1066	4.0 to 8.0	14	±2.0	-12	20	±0.1	4	-120
FS1068	2.0 to 6.0	13	±2.0	-12	15	±0.1	2	-125
FS2637	8.0 to 18.0	13	±3.0	-12	30	±0.15	12	-125
FS2692	6.0 to 13.0	13	±2.5	-12	30	±0.25	10	-125
FS2678	12.0 to 20.0	10	±4.0	-12	30	±0.15	12	-125
FS2722	2.0 to 18.0	13	±3.5	-10	30	±0.15	15	-123
FS2788	2.0 to 20.0	8	±4.0	-8	30	±0.15	20	-110
1" Cube Series or 0.5" PCB Mount								
FS1022	2.0 to 8.0	14	±2.0	-12	20	±0.1	8	-120
FS1043	2.0 to 6.0	14	±2.0	-12	15	±0.08	6	-120
FS2950	3.0 to 6.0	13	±2.0	-12	10	±0.1	3	-125
FS3013	3.0 to 7.0	13	±2.0	-12	10	±0.1	3	-125
1.25" Cube Series								
FS2705	2.0 to 6.0	12	±2.0	-12	15	±0.15	8	Consult Factory
FS2706	2.0 to 8.0	12	±2.5	-12	15	±0.15	8	
FS2707	2.0 to 10.0	12	±2.5	-12	15	±0.15	8	
FS1036	5.0 to 18.0	10	±4.0	-10	20	±0.075	12	
FS1034	6.0 to 18.0	13	±3.0	-12	30	±0.075	12	
FS1035	8.0 to 18.0	13	±3.5	-12	20	±0.075	10	
2" Cylindrical Series								
FS1001	2.0 to 10.0	15	±2.0	-12	15	±0.15	8	Consult Factory
FS1012	6.0 to 18.0	16	±2.5	-12	20	±0.075	12	
FS1014	4.0 to 18.0	12	±2.5	-12	30	±0.075	14	

