



## YIG-TUNED HARMONIC MULTIPLIERS

### SPECIFICATIONS

MODEL	CONTINUOUS INPUT FREQUENCY (GHz)	CONTINUOUS OUTPUT FREQUENCY (GHz)	INPUT RF POWER MAX.	OUTPUT RF POWER MIN.	HARMONIC REJECTION	OUTLINE
YM1131	0.1 - 0.2	0.5 - 12	1w	-33dBm	60	B
YM1087	0.1 - 0.2	1.0 - 12	1w	-30dBm	60	B
YM1132	0.2 - 0.4	1.0 - 18	1w	-25dBm	60	B
YM1133	0.2 - 0.4	0.5 - 12	1w	-20dBm	60	B
YM1134	1.0 - 2.0	2.0 - 8.0	1w	+10dBm	60	A

### ADDITIONAL SPECIFICATIONS, all model numbers

Typical Tuning Sensitivity	22 MHz/mA
Maximum Linearity Deviation	0.15%
Maximum Tuning Hysteresis	30 MHz
Typical Tuning Coil Resistance	8 ohms
Maximum Weight	16 ounces
Maximum Temperature Coefficient	±200 KHz/°C
Heater Voltage	20 - 30V
Heater Current	
Max. 4 second surge	700 mA
Max. steady state at 0°C	80 mA