



YIG FILTERS 6 Stage / 8 Stage Band Reject

STANDARD OCTAVE BANDS⁽⁶⁾

TYPE ^{1,8}	OMNIYIG MODEL No. ²	FREQ RANGE (GHz)	INSERTION LOSS Max. (dB)	3dB BW Max. (MHz)	Bandwidth at 40 dB ³ (MHz)	OFF RESONANCE SPURIOUS MINIMUM (dB)	FREQ DRIFT 0° TO 60°C (MHz)	DIMENSIONS CUBED (INCHES)	WEIGHT (oz)	DRAWING NUMBER
6-STAGE	P106RX	0.5-1.0	1.0	160	10	4	5	1.4	9.8	01
	L106RX	1.0-2.0	1.5	160	10	4	5	1.4	9.8	01
	S106RX	2.0-4.0	1.5	175	15	4	5	1.4	9.8	01
	C106RX	4.0-8.0	1.5	175	20	4	9	1.4	9.8	01
	X106RX	8.0-12.4	1.5	190	20	4	10	1.69	17.5	02
	Ku106RX	12.4-18.0	1.5	190	20	4	12	1.69	17.5	02
8-STAGE	P108RX	0.5-1.0	1.0	125	15	4	5	1.4	9.8	01
	L108RX	1.0-2.0	1.5	125	15	4	5	1.4	9.8	01
	S108RX	2.0-4.0	1.5	135	35	4	5	1.4	9.8	01
	C108RX	4.0-8.0	1.5	150	35	4	9	1.4	9.8	01
	X108RX	8.0-12.4	1.5	150	35	4	10	1.69	17.5	02
	Ku108RX	12.4-18.0	1.5	150	35	4	12	1.69	17.5	02

STANDARD MULTI-OCTAVE BANDS⁽⁶⁾

6-STAGE	M102RX	4.0-12.4	1.5	180	10	5	13	1.69	17.5	02
8-STAGE	M103RX	4.0-12.4	1.5	150	15	5	13	1.69	17.5	02
6-STAGE	M104RX	4.0-18.0	1.5	220	8 ⁷	5	13	1.69	17.5	02
6-STAGE	M105RX	2.0-8.0	1.5	190	10	4	13	1.4	9.8	01
6-STAGE	M106RX	1.0-4.0	1.5	195	10	5	13	1.4	9.8	01
6-STAGE	M107RX	8.0-18.0	1.5	200	20	5	13	1.69	17.5	02

NOTES:

1. All connectors are standard 3mm (SMA) female.
2. Limiting levels for all units are greater than +10dBm.
3. Nominal bandwidths, other bandwidths are available.
4. Deviation from linear $\pm 0.1\%$
5. Sweeping time required for bandpass to stabilize within 0.2% of full band step.
6. All units can be qualified to MIL-E-5400, Class II Specification on special order.
7. 3 MHz below 5 GHz.