



PIN DIODE MICROWAVE LIMITERS

ELECTRICAL SPECIFICATIONS

	OMNIYIG MODEL NUMBER ⁵	FREQUENCY RANGE (GHz)	MAX INSERTION LOSS (dB) ¹	MAX VSWR ¹ :1	MAX LEAKAGE POWER (dBm) ²	MAX CW POWER (Watts) ⁴	MAX PEAK POWER (Watts) ^{3,4}	OUTLINE STYLE NUMBER	
SMA MALE INPUT	OLP2801A	0.1-0.5	0.5	1.5	+20	2.0	100	28	
	OLP2808A	0.5-1.0	0.5	1.5	+20	2.0	100	28	
	OLP2809A	0.5-2.0	0.6	1.5	+20	2.0	100	28	
	OLP2816A	1.0-2.0	0.6	1.5	+20	2.0	100	28	
	OLP2817A	1.0-4.0	0.8	1.5	+20	2.0	100	28	
	OLP2725A	2.0-4.0	0.8	1.5	+19	2.0	100	27	
	OLP2726A	2.0-8.0	1.2	1.5	+19	2.0	100	27	
	OLP2731A	2.5-5.0	1.0	1.5	+18	2.0	100	27	
	OLP2733A	4.0-8.0	1.2	1.5	+18	2.0	100	27	
	OLP2737A	5.0-10.0	2.0	2.0	+18	1.0	100	25	
	OLP2640A	6.0-18.0	2.0	2.0	+18	1.0	70	25	
	OLP2641A	7.0-11.0	2.0	2.0	+18	1.0	90	25	
SMA MALE OUTPUT	OLP2643A	8.0-12.0	2.0	2.0	+18	1.0	80	25	
	OLP2644A	8.0-16.0	2.0	2.0	+18	1.0	70	25	
	OLP2645A	8.0-18.0	2.0	2.0	+18	1.0	70	25	
	OLP2649A	12.0-18.0	2.0	2.0	+18	1.0	70	25	
	OLP2650A	0.5-18.0	3.0	3.5:1	+20	1.0	70	25	
	OLP2651A	1.0-18.0	2.8	3.0:1	+20	1.0	70	25	
	OLP2652A	2.0-18.0	2.5	2.8:1	+20	1.0	70	25	
	SMA FEMALE INPUT	OLP3301A	0.1-0.5	0.5	1.5	+20	2.0	100	33
		OLP3308A	0.5-1.0	0.5	1.5	+20	2.0	100	33
		OLP3309A	0.5-2.0	0.6	1.5	+20	2.0	100	33
		OLP3316A	1.0-2.0	0.6	1.5	+20	2.0	100	33
		OLP3317A	1.0-4.0	0.8	1.5	+20	2.0	100	33
OLP3225A		2.0-4.0	0.8	1.5	+19	2.0	100	32	
OLP3226A		2.0-8.0	1.2	1.5	+19	2.0	100	32	
OLP3231A		2.5-5.0	1.0	1.5	+18	2.0	100	32	
OLP3233A		4.0-8.0	1.2	1.5	+18	2.0	100	32	
OLP3237A		5.0-10.0	2.0	2.0	+18	1.0	100	30	
OLP3140A		6.0-18.0	2.0	2.0	+18	1.0	70	30	
OLP3141A		7.0-11.0	2.0	2.0	+18	1.0	90	30	
SMA FEMALE OUTPUT	OLP3143A	8.0-12.0	2.0	2.0	+18	1.0	80	30	
	OLP3144A	8.0-16.0	2.0	2.0	+18	1.0	70	30	
	OLP3145A	8.0-18.0	2.0	2.0	+18	1.0	70	30	
	OLP3149A	12.0-18.0	2.0	2.0	+18	1.0	70	30	
	OLP3150A	0.5-18.0	3.0	3.5:1	+20	1.0	70	30	
	OLP3151A	1.0-18.0	2.8	3.0:1	+20	1.0	70	30	
	OLP3152A	2.0-18.0	2.5	2.8:1	+20	1.0	70	30	
	CYLIND. MODULE	OLP6201K	0.1-0.5	0.5	1.5	+20	2.0	100	62
		OLP6208K	0.5-1.0	0.5	1.5	+20	2.0	100	62
		OLP6209K	0.5-2.0	0.6	1.5	+20	2.0	100	62
		OLP6216K	1.0-2.0	0.6	1.5	+20	2.0	100	62
		OLP6217K	1.0-4.0	0.8	1.5	+20	2.0	100	62
OLP6025K		2.0-4.0	0.8	1.5	+19	2.0	100	60	
OLP6026K		2.0-8.0	1.2	1.5	+19	2.0	100	60	
OLP6031K		2.5-5.0	1.0	1.5	+18	2.0	100	60	
OLP6033K		4.0-8.0	1.2	1.5	+18	2.0	100	60	
OLP6037K		5.0-10.0	2.0	2.0	+18	1.0	100	58	
OLP5940K		6.0-18.0	2.0	2.0	+18	1.0	70	58	
OLP5941K		7.0-11.0	2.0	2.0	+18	1.0	90	58	
OLP5943K		8.0-12.0	2.0	2.0	+18	1.0	80	58	
OLP5944K		8.0-16.0	2.0	2.0	+18	1.0	70	58	
OLP5945K		8.0-18.0	2.0	2.0	+18	1.0	70	58	
OLP5949K		12.0-18.0	2.0	2.0	+18	1.0	70	58	
OLP5950K		0.5-18.0	3.0	3.5:1	+20	1.0	70	58	
OLP5951K		1.0-18.0	2.8	3.0:1	+20	1.0	70	58	
OLP5952K		2.0-18.0	2.5	2.8:1	+20	1.0	70	58	

NOTES:

1. Measured at 0 dBm input power.
2. Measured at 1 watt input power.
3. 1 msec. pulse width, 1kHz PRF.
4. These ratings are at +25°C. See derating table for other temps.