



RF AMPLIFIERS

OFF-THE-SHELF FROM STOCK IN 2 TO 4 WEEKS

Offering PET LCA GUARANTEE©

- VERY LOW COST
- MILITARY QUALITY
- GUARANTEED DELIVERY
- SWEPT TEST DATA SUPPLIED WITH EVERY UNIT

Ultra-Broadband

Freq. Range (GHz)	Gain (dB)	Gain Flatness (+/- dB)	NF (dB)	OP1dB (dBm)	OIP3 (dBm)	VSWR In/Out	Max. CW RF Input (dBm)	DC Current @ +12VDC (mA)	Model Number	Cost (\$ USD)		
										1-10	11-20	20+
0.03-20	14	2.5	3.0	14	26	2.0:1	23	75	PUB-14-30M20G-14-LCA	850	750	650
0.03-20	15	2.5	3.0	20	30	2.0:1	23	180	PUB-15-30M20G-20-LCA	950	850	750
0.50-20	14	1.75	3.0	14	26	2.0:1	23	75	PUB-14-500M20G-14-LCA	750	650	550
0.50-20	15	1.75	3.0	20	30	2.0:1	23	180	PUB-15-500M20G-20-LCA	850	750	650

Broadband

Freq. Range (GHz)	Gain (dB)	Gain Flatness (+/- dB)	NF (dB)	OP1dB (dBm)	OIP3 (dBm)	VSWR In/Out	Max. CW RF Input (dBm)	DC Current @ +12VDC (mA)	Model Number	Cost (\$ USD)		
										1-10	11-20	20+
2-20	15	1.75	3.0	12	24	2.0:1	23	75	PBB-15-220-12-LCA	750	650	550
2-20	28	2.25	3.0	12	24	2.0:1	23	150	PBB-28-220-12-LCA	850	750	650
2-18	10	1.75	4.0	16	26	2.0:1	23	75	PBB-10-218-16-LCA	650	550	450
2-18	15	2.0	3.0	20	30	2.0:1	23	180	PBB-15-218-20-LCA	800	700	600
2-18	20	2.0	4.0	16	26	2.0:1	23	150	PBB-20-218-16-LCA	800	700	600
2-18	28	2.5	3.0	20	29	2.0:1	23	250	PBB-28-218-20-LCA	850	750	650

Octave Band

Freq. Range (GHz)	Gain (dB)	Gain Flatness (+/- dB)	NF (dB)	OP1dB (dBm)	OIP3 (dBm)	VSWR In/Out	Max. CW RF Input (dBm)	DC Current @ +12VDC (mA)	Model Number	Cost (\$ USD)		
										1-10	11-20	20+
2-4	10	1.0	4.0	10	18	2.0:1	10	75	POB-10-24-10-LCA	450	350	300
2-4	15	1.0	3.5	15	26	2.0:1	23	75	POB-15-24-15-LCA	500	450	350
2-4	17	1.0	3.5	22	34	2.0:1	23	180	POB-17-24-22-LCA	550	450	400
2-4	28	1.25	3.5	15	26	2.0:1	23	150	POB-28-24-15-LCA	550	450	400
4-8	10	1.0	3.0	10	18	2.0:1	10	75	POB-10-48-10-LCA	450	350	300
4-8	15	1.0	3.0	15	26	2.0:1	23	75	POB-15-48-15-LCA	500	450	350
4-8	16	1.0	3.0	22	32	2.0:1	23	180	POB-16-48-22-LCA	550	450	400
4-8	28	1.25	3.0	15	26	2.0:1	23	150	POB-28-48-15-LCA	550	450	400
8-18	10	1.5	3.0	8	16	2.0:1	10	75	POB-10-818-8-LCA	600	500	400
8-18	15	1.5	3.0	13	25	2.0:1	23	75	POB-15-818-13-LCA	650	550	450
8-18	15	1.75	3.0	20	26	2.0:1	23	180	POB-15-818-20-LCA	700	600	500
8-18	28	1.75	3.0	13	24	2.0:1	23	150	POB-28-818-13-LCA	750	650	550

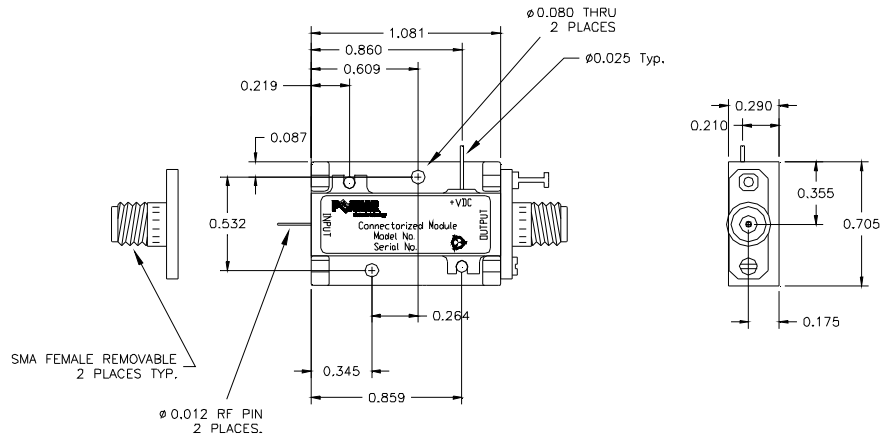
Low Noise

Freq. Range (GHz)	Gain (dB)	Gain Flatness (+/- dB)	NF (dB)	OP1dB (dBm)	OIP3 (dBm)	VSWR In/Out	Max. CW RF Input (dBm)	DC Current @ +12VDC (mA)	Model Number	Cost (\$ USD)		
										1-10	11-20	20+
1-2	18	1.0	1.5	15	28	2.0:1	0	65	PLN-18-12-15-LCA	500	400	300
2-4	18	1.0	1.5	15	28	2.0:1	0	65	PLN-18-24-15-LCA	550	450	350
4-8	17	1.25	1.75	15	28	2.0:1	0	65	PLN-17-48-15-LCA	600	500	450
6-8	32	1.25	1.0	2	10	2.0:1	10	40	PLN-32-68-2-LCA	650	550	450
8-10	32	1.25	0.8	2	10	2.0:1	10	40	PLN-32-810-2-LCA	650	550	450
8-12	25	1.0	1.8	10	18	2.0:1	20	75	PLN-25-812-10-LCA	700	600	500
10-12	30	1.5	0.8	2	10	2.0:1	10	40	PLN-30-1012-2-LCA	650	550	450
1-10	17	1.5	2.0	15	28	2.0:1	0	65	PLN-17-110-15-LCA	750	700	650

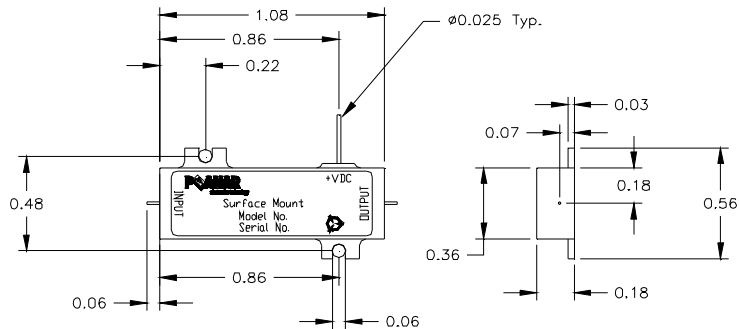
Outline Drawings

This standard housing can be used either as a connectorized module or in a surface mount configuration. All of the listed amplifiers are supplied with SMA female connectors and a mounting carrier and come fully assembled. The connectors and mounting carrier are easily removed and this allows the amplifier to be use in a surface mount configuration. Outline drawings for both configurations are shown below.

Connectorized Module



Surface Mount



Ordering Information

Please order by model number. All specifications shown are typical. PMI holds the right to change any listed specifications without notice. Slight specification modifications may be available for an extra charge. Please specify any modifications or special testing requirements on the order. All listed items can be environmental screened for an extra charge. If required please specify at time of ordering.

Telephone orders are acceptable and processed immediately. Shipments can only be made upon receipt of a written purchase order either via e-mail or facsimile. Your order may be placed directly to the factory. All prices are FOB factory Frederick, Maryland 21704.

Warranty/Service

PMI warranties all parts and equipment of its manufacture to be free from defects in material and workmanship for a period of one (1) year after the delivery of the equipment to the original purchaser.

PET LCA GUARANTEE©

PMI is committed to offering state-of-the-art products at the lowest possible prices. We are willing to meet or beat any competitors written quotation on any equivalent product model. Please contact our sales staff for additional details.

We accept VISA and Mastercard for your convenience.

