

## Kupuj tylko przez Meratronik S.A.!

W niniejszym katalogu zamieszczone są linki do produktów na stronach producenta. Zachęcamy jednak do bezpośrednich zakupów przez Meratronik S.A. Poniżej szereg korzyści:

- Ekspresowe pozyskiwanie ofert
- Procedury celne po naszej stronie
- Odroczone termin płatności
- Ciągła dostępność ponad 40 000 elementów
- Obsługa gwarancyjna i pogwarancyjna realizowana przez Meratronik S.A.
- Najniższy koszt transportu
- Dostawa już od 5 dni roboczych

## Jak zamawiać?

- Wyszukaj interesujące Cię urządzenia lub akcesoria na stronie producenta lub w katalogu
- Skontaktuj się z nami przez zakładkę **"zapytaj o produkt"** znajdującą się na [www.meratronik.pl](http://www.meratronik.pl) przy każdej kategorii produktowej lub pisząc bezpośrednio na adres mailowy [jm@meratronik.pl](mailto:jm@meratronik.pl)
- Chcesz zlecić nam dobór optymalnych rozwiązań?

**Jesteśmy do Twojej dyspozycji**

## ZEAP MERATRONIK S.A.

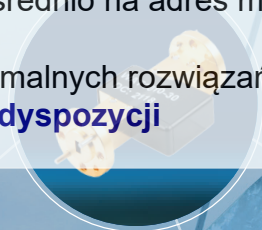
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2022  
RF Product Guide



# Amplifiers Selection Guide

## 3 Easy Ways to Find your Product.....

### 1. Search by PE Part Number

If you know the PE part number you are searching for, please reference our Part Number Index on Page [395](#).

### 2. Quick Reference Guide

Bi Directional Amplifiers.....	<a href="#">51</a>
Broadband Amplifiers.....	<a href="#">51</a>
USB Controlled.....	<a href="#">52</a>
Bench Top.....	<a href="#">52</a>
DC Coupled Amplifiers.....	<a href="#">53</a>
Gain Block Amplifiers.....	<a href="#">53</a>
Limiting Amplifiers.....	<a href="#">53</a>
Log Amplifiers.....	<a href="#">54</a>
Low Noise Amplifiers.....	<a href="#">54</a>
Standard.....	<a href="#">54</a>
Input Protected.....	<a href="#">55</a>
Power Amplifiers.....	<a href="#">55</a>
Power Amplifiers (<4W).....	<a href="#">55</a>
High Power Amplifiers (>4W).....	<a href="#">57</a>
GaN High Power Amplifiers.....	<a href="#">58</a>
Variable Amplifiers.....	<a href="#">59</a>
Amplifier Accessories.....	<a href="#">59</a>

### 3. Amplifiers Locator

Frequency	Model No.	Page C/R	Frequency	Model No.	Page C/R	Frequency	Model No.	Page C/R	Frequency	Model No.	Page C/R
<b>DC to:</b>			<b>10 MHz to:</b>			<b>20 MHz to:</b>			<b>100 MHz to:</b>		
1.5 GHz	<a href="#">PE15A86001</a>	<a href="#">53</a> 31	1 GHz	<a href="#">PE15A63000</a>	<a href="#">55</a> 3	3 GHz	<a href="#">PE15A1008</a>	<a href="#">54</a> 62	18 GHz	<a href="#">PE15A3255</a>	<a href="#">52</a> 65
17 MHz	<a href="#">PE15A86002</a>	<a href="#">53</a> 30		<a href="#">PE15A63001</a>	<a href="#">55</a> 4	4 GHz	<a href="#">PE15A4017</a>	<a href="#">55</a> 27		<a href="#">PE15A3256</a>	<a href="#">52</a> 66
2 GHz	<a href="#">PE15A86000</a>	<a href="#">53</a> 32		<a href="#">PE15A1011</a>	<a href="#">54</a> 52	520 MHz	<a href="#">PE15A1061</a>	<a href="#">54</a> 63		<a href="#">PE15A4052</a>	<a href="#">56</a> 31
<b>0.009 MHz to:</b>				<a href="#">PE15A1049</a>	<a href="#">54</a> 53	<b>30 MHz to:</b>				<a href="#">PE15A4052F</a>	<a href="#">56</a> 32
3 GHz	<a href="#">PE15A1007</a>	<a href="#">54</a> 41		<a href="#">PE15A1012</a>	<a href="#">54</a> 54	1.5 GHz	<a href="#">PE15A63002</a>	<a href="#">55</a> 5		<a href="#">PE15A7000</a>	<a href="#">59</a> 62
<b>0.01 MHz to:</b>				<a href="#">PE15A1013</a>	<a href="#">54</a> 55	2.5 GHz	<a href="#">PE15A63003</a>	<a href="#">55</a> 6	2 GHz	<a href="#">PE15A1066</a>	<a href="#">54</a> 69
1.4 GHz	<a href="#">PE15A1055</a>	<a href="#">54</a> 43	<a href="#">PE15A1052</a>	<a href="#">54</a> 56	20 GHz	<a href="#">PE15A5011</a>	<a href="#">58</a> 39	26.5 GHz	<a href="#">PE15A3267</a>	<a href="#">52</a> 67	
2 GHz	<a href="#">PE15A1059</a>	<a href="#">54</a> 44	1.3 GHz	<a href="#">PE15A1054</a>	<a href="#">54</a> 57	2.7 GHz	<a href="#">PE15B5003</a>	<a href="#">51</a> 1	3 GHz	<a href="#">PE1516</a>	<a href="#">53</a> 18
3 GHz	<a href="#">PE15A3308</a>	<a href="#">52</a> 57	15 GHz	<a href="#">PE15A3037</a>	<a href="#">52</a> 98	40 GHz	<a href="#">PE15A5086</a>	<a href="#">58</a> 40	6 GHz	<a href="#">PE15A5027</a>	<a href="#">58</a> 41
500 MHz	<a href="#">PE15A1046</a>	<a href="#">54</a> 42	<a href="#">PE15A3036</a>	<a href="#">51</a> 8	20 GHz	<a href="#">PE15A4029</a>	<a href="#">51</a> 9	<b>110 MHz to:</b>			
<b>0.03 MHz to:</b>			20 GHz	<a href="#">PE15A3272</a>	<a href="#">52</a> 62	250 MHz	<a href="#">PE15A1043</a>	<a href="#">54</a> 47	10 GHz	<a href="#">PE15A3001</a>	<a href="#">51</a> 13
600 MHz	<a href="#">PE15A1047</a>	<a href="#">54</a> 45	3 GHz	<a href="#">PE15A1043</a>	<a href="#">54</a> 47	3 GHz	<a href="#">PE1514</a>	<a href="#">53</a> 11	6 GHz	<a href="#">PE15A3004</a>	<a href="#">51</a> 12
<b>0.1 MHz to:</b>			3 GHz	<a href="#">PE1528</a>	<a href="#">53</a> 12	550 MHz	<a href="#">PE1513</a>	<a href="#">53</a> 13	<b>200 MHz to:</b>		
10 GHz	<a href="#">PE15A3311</a>	<a href="#">52</a> 58	3 GHz	<a href="#">PE15A1009</a>	<a href="#">54</a> 58	600 MHz	<a href="#">PE15A1009</a>	<a href="#">54</a> 58	2.5 GHz	<a href="#">PE1525</a>	<a href="#">53</a> 19
<b>0.15 MHz to:</b>			550 MHz	<a href="#">PE15A1044</a>	<a href="#">54</a> 48	800 MHz	<a href="#">PE15A4032</a>	<a href="#">51</a> 7	2.6 GHz	<a href="#">PE15A5084</a>	<a href="#">56</a> 33
230 MHz	<a href="#">PE15A5028</a>	<a href="#">57</a> 94	6 GHz	<a href="#">PE15A3269</a>	<a href="#">52</a> 61	1 GHz	<a href="#">PE15A8001</a>	<a href="#">53</a> 14	<b>225 MHz to:</b>		
230 MHz	<a href="#">PE15A5028F</a>	<a href="#">57</a> 95	6 GHz	<a href="#">PE15A8001</a>	<a href="#">53</a> 14	1 GHz	<a href="#">PE15A1050</a>	<a href="#">54</a> 65	512 MHz	<a href="#">PE15B5007</a>	<a href="#">51</a> 2
<b>0.3 MHz to:</b>			600 MHz	<a href="#">PE15A1063</a>	<a href="#">54</a> 49	1.2 GHz	<a href="#">PE15A1014</a>	<a href="#">54</a> 66	<b>300 MHz to:</b>		
6.5 GHz	<a href="#">PE15A3310</a>	<a href="#">52</a> 59	800 MHz	<a href="#">PE15A1048</a>	<a href="#">54</a> 50	18 GHz	<a href="#">PE15A4009</a>	<a href="#">56</a> 29	18 GHz	<a href="#">PE15A3021</a>	<a href="#">51</a> 14
<b>0.5 MHz to:</b>			800 MHz	<a href="#">PE15A1065</a>	<a href="#">54</a> 51	2 GHz	<a href="#">PE15A1053</a>	<a href="#">54</a> 67	<b>500 MHz to:</b>		
500 MHz	<a href="#">PE15A5029</a>	<a href="#">57</a> 96	<b>20 MHz to:</b>			4 GHz	<a href="#">PE15A3900</a>	<a href="#">52</a> 96	1 GHz	<a href="#">PE15A5058</a>	<a href="#">56</a> 34
500 MHz	<a href="#">PE15A5029F</a>	<a href="#">57</a> 97	1 GHz	<a href="#">PE15A1051</a>	<a href="#">54</a> 59	18 GHz	<a href="#">PE1518</a>	<a href="#">53</a> 16	10 GHz	<a href="#">PE15A3005</a>	<a href="#">51</a> 20
<b>1 MHz to:</b>			1 GHz	<a href="#">PE15A1064</a>	<a href="#">54</a> 60	2 GHz	<a href="#">PE15A1042</a>	<a href="#">54</a> 68	18 GHz	<a href="#">PE15A3263</a>	<a href="#">51</a> 22
1 GHz	<a href="#">PE15A5030</a>	<a href="#">55</a> 20	1 GHz	<a href="#">PE15A5031</a>	<a href="#">57</a> 98	4 GHz	<a href="#">PE15A8000</a>	<a href="#">53</a> 17	18 GHz	<a href="#">PE15A2003</a>	<a href="#">54</a> 38
1 GHz	<a href="#">PE15A5030F</a>	<a href="#">55</a> 21	1 GHz	<a href="#">PE15A5031F</a>	<a href="#">57</a> 99	40 GHz	<a href="#">PE15A3901</a>	<a href="#">52</a> 97	2 GHz	<a href="#">PE15A4038</a>	<a href="#">51</a> 15
3 GHz	<a href="#">PE15A3309</a>	<a href="#">52</a> 60	1 GHz	<a href="#">PE15A4072</a>	<a href="#">55</a> 25	<b>60 MHz to:</b>			2 GHz	<a href="#">PE15A3015</a>	<a href="#">51</a> 17
500 MHz	<a href="#">PE15A1045</a>	<a href="#">54</a> 46	1 GHz	<a href="#">PE15A5057</a>	<a href="#">55</a> 26	6 GHz	<a href="#">PE15A4019</a>	<a href="#">56</a> 30	2 GHz	<a href="#">PE15A8004</a>	<a href="#">53</a> 20
<b>1.5 MHz to:</b>			1.5 GHz	<a href="#">PE15A1057</a>	<a href="#">54</a> 61	<b>100 MHz to:</b>			2 GHz	<a href="#">PE15A8005</a>	<a href="#">53</a> 21
100 MHz	<a href="#">PE15A5056</a>	<a href="#">55</a> 23				12 GHz	<a href="#">PE15A3007</a>	<a href="#">51</a> 11	2 GHz	<a href="#">PE15A7001</a>	<a href="#">59</a> 63
30 MHz	<a href="#">PE15A5055</a>	<a href="#">55</a> 22									

Amplifiers

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## BI-DIRECTIONAL AMPLIFIERS



Amplifier Type	Frequency Band (GHz.)	Tx Gain (dB)	Gain Var. ±(dB)	P1dB (W)	Rx P1dB (dBm)	Rx NF (dB)	DC Power		ECCN	Model No	1	2-4	5-9	10+	R O W
							Tx (V/mA)								
Bi Directional, High Power	30 MHz - 2.7	36	2			2	12/1,400	EAR99	<a href="#">PE15B5003</a>	\$7,342.43	\$6,901.88	\$6,534.76	\$6,241.07	1	
Bi Directional	225 MHz - 512 MHz						28/1,600	5A991.G	<a href="#">PE15B5007</a>	\$13,456.59	\$12,918.33	\$12,380.06	\$11,841.80	2	
Bi Directional, High Power, High Rel	2.4 - 2.5	20	0.5	0.1	20	2.5	28/	EAR99	<a href="#">PE15B5000</a>	\$6,786.20	\$6,514.75	\$6,243.30	\$5,971.86	3	
Bi Directional	4.4 - 4.9	45	1			3.5	28/4,600	5A991.G	<a href="#">PE15B5004</a>	\$17,919.10	\$17,202.34	\$16,485.57	\$15,768.81	4	
	4.4 - 5.1	10					28/1,750	EAR99	<a href="#">PE15B5005</a>	\$15,409.38	\$14,793.00	\$14,176.63	\$13,560.25	5	
	5.125 - 5.875	43					1.25	28/2,500	EAR99	<a href="#">PE15B5006</a>	\$15,346.46	\$14,732.60	\$14,118.74	\$13,504.88	6

Amplifiers

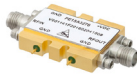
## BROADBAND AMPLIFIERS



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	Pstat (dBm)	DC Power		ECCN	Model No	1	2-4	5-9	10+	R O W
							V(mA)								
Broadband, High Rel	10 MHz - 6	24	0.75	5	29.5		15/740	EAR99	<a href="#">PE15A4032</a>	\$6,560.18	\$6,297.77	\$6,035.37	\$5,772.96	7	
	10 MHz - 15	12	0.3	4.5	28	29	14/360	EAR99	<a href="#">PE15A3036</a>	\$6,945.03	\$6,667.23	\$6,389.43	\$6,111.63	8	
	10 MHz - 20	13	0.75	3	23	25	15/225	EAR99	<a href="#">PE15A4029</a>	\$5,341.82	\$5,128.15	\$4,914.47	\$4,700.80	9	
Broadband	30 MHz - 40	25	2.5	6	20		11/400	EAR99	<a href="#">PE15A3023</a>	\$9,148.43	\$8,782.49	\$8,416.56	\$8,050.62	10	
	100 MHz - 12	18	1	3	25	28	12/300	EAR99	<a href="#">PE15A3007</a>	\$2,427.27	\$2,330.18	\$2,233.09	\$2,136.00	11	
	110 MHz - 6	11	1.25	6.5	27	30	12/300	EAR99	<a href="#">PE15A3004</a>	\$2,552.07	\$2,449.99	\$2,347.90	\$2,245.82	12	
	110 MHz - 10	10	1.5				12/300	EAR99	<a href="#">PE15A3001</a>	\$2,865.04	\$2,750.44	\$2,635.84	\$2,521.24	13	
	300 MHz - 18	37	2		30.5		15/750	EAR99	<a href="#">PE15A3021</a>	\$5,877.79	\$5,642.68	\$5,407.57	\$5,172.46	14	
Broadband, High Rel	500 MHz - 2	14	0.4	2.7	24		12/180	EAR99	<a href="#">PE15A4038</a>	\$1,073.26	\$1,030.33	\$987.40	\$944.47	15	
		46	0.8			12/240	EAR99	<a href="#">PE15A3014</a>	\$1,193.18	\$1,145.45	\$1,097.73	\$1,050.00	16		
	500 MHz - 2.5	24	0.5	3.5		12/300	EAR99	<a href="#">PE15A3015</a>	\$1,433.65	\$1,376.30	\$1,318.96	\$1,261.61	17		
	500 MHz - 10	27	2.5		33	33	12/240	EAR99	<a href="#">PE15A4039</a>	\$1,358.18	\$1,303.85	\$1,249.53	\$1,195.20	18	
Broadband	500 MHz - 10	32	1	3	25		28/600	EAR99	<a href="#">PE15A4037</a>	\$4,579.26	\$4,396.09	\$4,212.92	\$4,029.75	19	
	500 MHz - 18	27	1.5			12/375	EAR99	<a href="#">PE15A3005</a>	\$2,871.90	\$2,757.02	\$2,642.15	\$2,527.27	20		
Broadband, High Rel	500 MHz - 18	33	1.5	4	15		12/330	EAR99	<a href="#">PE15A3008</a>	\$3,360.29	\$3,242.68	\$3,125.07	\$3,024.26	21	
		27	2.5			12/220	EAR99	<a href="#">PE15A3263</a>	\$2,577.15	\$2,474.06	\$2,370.98	\$2,267.89	22		
	800 MHz - 5.5	20	0.5		25	28	12/750	EAR99	<a href="#">PE15A3264</a>	\$1,642.96	\$1,577.24	\$1,511.52	\$1,445.80	23	
		30	1.5		19	20	12/240	EAR99	<a href="#">PE15A3262</a>	\$3,080.90	\$2,957.66	\$2,834.43	\$2,711.19	24	
	2 - 6	13	0.4	5.4	23		12/180	EAR99	<a href="#">PE15A4040</a>	\$1,629.29	\$1,564.12	\$1,498.95	\$1,433.78	25	
		22	0.6			12/420	EAR99	<a href="#">PE15A4041</a>	\$2,339.46	\$2,245.88	\$2,152.30	\$2,058.72	26		
		32	1	5	30		15/1,700	EAR99	<a href="#">PE15A4003</a>	\$3,990.31	\$3,830.70	\$3,671.09	\$3,511.47	27	
		33	1.5			12/1,000	EAR99	<a href="#">PE15A4005</a>	\$3,321.30	\$3,188.45	\$3,055.60	\$2,922.74	28		
		36	1.5	6	34		15/2,200	EAR99	<a href="#">PE15A4042</a>	\$3,863.74	\$3,709.19	\$3,554.64	\$3,400.09	29	
		44	1	4.5	35		12/4,200	EAR99	<a href="#">PE15A4043</a>	\$4,461.15	\$4,282.70	\$4,104.26	\$3,925.81	30	
2 - 8	33			29.4		8.5/941	EAR99	<a href="#">PE15A3016</a>	\$2,769.87	\$2,659.08	\$2,548.28	\$2,437.49	31		
Broadband		12			16		12/65	EAR99	<a href="#">PE15A4051</a>	\$1,705.14	\$1,636.93	\$1,568.73	\$1,500.52	32	
Broadband, High Rel	2 - 18	33	1.5	3.5	13		12/180	EAR99	<a href="#">PE15A3265</a>	\$2,647.63	\$2,541.72	\$2,435.82	\$2,329.91	33	
Broadband		37			30.5		15/800	EAR99	<a href="#">PE15A3022</a>	\$5,550.00	\$5,328.00	\$5,106.00	\$4,884.00	34	
Broadband, High Rel	2 - 20	15	0.75	3	26		12/310	EAR99	<a href="#">PE15A4027</a>	\$6,258.74	\$6,008.39	\$5,758.04	\$5,507.69	35	
		31				15/400	EAR99	<a href="#">PE15A4030</a>	\$4,099.83	\$3,935.84	\$3,771.84	\$3,607.85	36		
Broadband	2 - 24	12	0.4	4	18	18.5	12/260	EAR99	<a href="#">PE15A3009</a>	\$2,218.54	\$2,140.89	\$2,063.24	\$1,996.69	37	
Broadband, High Rel	2 - 35	30	0.7	4.5	30		16/	3A001, B.4.C	<a href="#">PE15A3038</a>	\$7,509.75	\$7,209.36	\$6,908.97	\$6,608.58	38	
		16	0.6	5	27		12/900	EAR99	<a href="#">PE15A4046</a>	\$2,527.61	\$2,426.51	\$2,325.40	\$2,224.30	39	
	28	0.8	12/400			EAR99	<a href="#">PE15A4044</a>	\$2,146.52	\$2,060.66	\$1,974.80	\$1,888.94	40			
	37	1.5	6	33		12/500	EAR99	<a href="#">PE15A4045</a>	\$2,565.46	\$2,462.84	\$2,360.22	\$2,257.60	41		
	6 - 12	37	1.5	6	33		15/2,500	EAR99	<a href="#">PE15A4001</a>	\$3,849.56	\$3,695.58	\$3,541.60	\$3,387.61	42	
		38	1	5	30		15/1,300	EAR99	<a href="#">PE15A4004</a>	\$3,646.51	\$3,500.65	\$3,354.79	\$3,208.93	43	
		30	1.5	3.5	28		12/1,300	EAR99	<a href="#">PE15A3018</a>	\$3,243.78	\$3,114.03	\$2,984.28	\$2,854.53	44	
		36	1.5		30		18/1,700	EAR99	<a href="#">PE15A3019</a>	\$4,117.53	\$3,952.83	\$3,788.13	\$3,623.43	45	
	6 - 18	42	2	5.4	27		15/800	EAR99	<a href="#">PE15A3017</a>	\$3,489.75	\$3,350.16	\$3,210.57	\$3,070.98	46	
		36				12/900	EAR99	<a href="#">PE15A3020</a>	\$3,439.61	\$3,302.03	\$3,164.44	\$3,026.86	47		
12 - 18		33	6	30		15/2,000	EAR99	<a href="#">PE15A4002</a>	\$3,933.34	\$3,776.01	\$3,618.67	\$3,461.34	48		
Broadband	12.4 - 26.5	35		3	24.5		12/500	EAR99	<a href="#">PE15A3024</a>	\$7,927.58	\$7,610.48	\$7,293.37	\$6,976.27	49	
Broadband, High Rel	17 - 24	22			24		12/250	EAR99	<a href="#">PE15A4028</a>	\$3,887.73	\$3,732.22	\$3,576.71	\$3,421.20	50	
Broadband	18 - 40	30	2.5	6.5	20		12/350	EAR99	<a href="#">PE15A3025</a>	\$6,853.53	\$6,579.39	\$6,305.25	\$6,031.11	51	
	26.5 - 40		2	6		12/350	EAR99	<a href="#">PE15A4022</a>	\$5,723.70	\$5,494.75	\$5,265.80	\$5,036.86	52		

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## BROADBAND AMPLIFIERS



Amplifiers

Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	Psat (dBm)	DC Power (V/mA)	ECCN	Model No	1 Pc. Price	See Web for Volume Pricing	ROW
High Gain, High Rel	2 - 6	44	1	5	30	24	15/1,050	EAR99	<a href="#">PE15A3503</a>	\$3,212.43	See Web for Volume Pricing	53
	6 - 12	47	1.5	6	33		15/2,500	EAR99	<a href="#">PE15A3506</a>	\$4,146.29		54
		48	1	5	30		15/1,350	EAR99	<a href="#">PE15A3505</a>	\$3,492.58		55
	12 - 18	43	2	6	30		15/2,000	EAR99	<a href="#">PE15A3507</a>	\$3,925.62		56
Low Noise	0.01 MHz - 3	16	1.5	4	12	16	15/47	EAR99	<a href="#">PE15A3308</a>	\$784.33	See Web for Volume Pricing	57
	0.1 MHz - 10	33	6.5	5	13		12/110	EAR99	<a href="#">PE15A3311</a>	\$985.02		58
	0.3 MHz - 6.5	39	4.5	4	17		12/120	EAR99	<a href="#">PE15A3310</a>	\$950.74		59
	1 MHz - 3	21	1.5	2	22		15/110	EAR99	<a href="#">PE15A3309</a>	\$920.55		60
	10 MHz - 6	34	1	14.5	12/130		EAR99	<a href="#">PE15A3269</a>	\$663.13	61		
Low Noise, High Rel	10 MHz - 20	15	0.5	3	22	18	12/195	EAR99	<a href="#">PE15A3272</a>	\$5,633.24	See Web for Volume Pricing	62
	30 MHz - 20		2.5	20	15/180		EAR99	<a href="#">PE15A3254</a>	\$3,444.54	63		
	30 MHz - 26.5		2	5.5	15/230		EAR99	<a href="#">PE15A3312</a>	\$3,416.18	64		
Low Noise	100 MHz - 18	14	1.5	3	16	18	12/80	EAR99	<a href="#">PE15A3255</a>	\$1,462.83	See Web for Volume Pricing	65
		28	2.5	3	16		12/160	EAR99	<a href="#">PE15A3256</a>	\$2,991.79		66
Low Noise, High Rel	100 MHz - 26.5	15	2	5	15	17.5	15/200	EAR99	<a href="#">PE15A3267</a>	\$5,414.68	See Web for Volume Pricing	67
	500 MHz - 20	14	1.75	3	14		15/75	EAR99	<a href="#">PE15A3253</a>	\$2,925.19		68
		1.8 - 4.2	26		1.2		15.5	12/105	EAR99	<a href="#">PE15A3276</a>		\$6,609.47
	2 - 8	14		2.5	13		12/120	EAR99	<a href="#">PE15A3290</a>	\$1,788.79		70
Low Noise	2 - 18	30	2.5	3.2	14	21	12/150	EAR99	<a href="#">PE15A3291</a>	\$2,263.64	See Web for Volume Pricing	71
		22	2	3			12/100	EAR99	<a href="#">PE15A3301</a>	\$5,609.59		72
		26	2	3			12/150	EAR99	<a href="#">PE15A3257</a>	\$1,892.38		73
		33	1	3			12/180	EAR99	<a href="#">PE15A3258</a>	\$2,332.82		74
		13	0.5	2			16	12/	EAR99	<a href="#">PE15A3271</a>		\$3,887.73
Low Noise, High Rel	2 - 20	15			13	15.5	12/78	EAR99	<a href="#">PE15A3270</a>	\$4,654.12	See Web for Volume Pricing	76
		17		2.5	7	12/100	EAR99	<a href="#">PE15A3292</a>	\$2,094.81	77		
		30				12/200	EAR99	<a href="#">PE15A3293</a>	\$2,414.53	78		
Low Noise	6 - 18	14		3	13	15	12/100	EAR99	<a href="#">PE15A3295</a>	\$2,003.44	See Web for Volume Pricing	79
		30		2.5	10		12/200	EAR99	<a href="#">PE15A3294</a>	\$2,637.91		80
		32	1.5	2.3	14		12/150	EAR99	<a href="#">PE15A3302</a>	\$5,473.63		81
		38	2	2.5	22		12/280	EAR99	<a href="#">PE15A3259</a>	\$1,687.09		82
		22			14		12/93	EAR99	<a href="#">PE15A3273</a>	\$3,887.73		83
Low Noise, High Rel	7 - 17	22			14	15	12/100	EAR99	<a href="#">PE15A3296</a>	\$1,931.87	See Web for Volume Pricing	84
	12 - 18	18		3.5	13		12/96	EAR99	<a href="#">PE15A3274</a>	\$5,934.97		85
	17 - 27	19		2.75	13.5		12/250	EAR99	<a href="#">PE15A3303</a>	\$6,117.59		86
Low Noise	18 - 26.5	32	2.5	2.3	11	15	12/150	EAR99	<a href="#">PE15A3260</a>	\$2,264.71	See Web for Volume Pricing	87
		40		2.5	13		12/150	EAR99	<a href="#">PE15A3260</a>	\$2,264.71		88
Low Noise, High Rel	18 - 40	18	2	5.5	10	15	15/250	3A001. B.4.C	<a href="#">PE15A3268</a>	\$7,925.95	See Web for Volume Pricing	89
		32			12		12/200	EAR99	<a href="#">PE15A3304</a>	\$9,312.34		90
Low Noise	26.5 - 40	44	4	4	11	15	12/250	EAR99	<a href="#">PE15A3305</a>	\$10,281.84	See Web for Volume Pricing	91
		22	1	3.5	13.5		12/125	EAR99	<a href="#">PE15A3261</a>	\$2,080.02		92
		30	2	2	11		12/150	EAR99	<a href="#">PE15A3266</a>	\$5,974.85		93
		35	2.5	2.4	10.5		12/150	EAR99	<a href="#">PE15A3306</a>	\$8,410.80		94
		52	3.5	3.3	12		12/375	EAR99	<a href="#">PE15A3307</a>	\$10,178.08		95
Low Noise, High Rel	29 - 36	20		2.9	11		3/80	EAR99	<a href="#">PE15A3275</a>	\$3,945.93	See Web for Volume Pricing	95

## USB CONTROLLED BROADBAND AMPS.



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	NF (dB)	P1dB (dBm)	Control	ECCN	Model No	1	2-4	5-9	10+	ROW
USB	50 MHz - 18	12	4.5	10	USB	EAR99	<a href="#">PE15A3900</a>	\$3,364.41	\$3,229.83	\$3,095.26	\$2,960.68	96
	50 MHz - 40		5				<a href="#">PE15A3901</a>	\$5,554.22	\$5,332.05	\$5,109.88	\$4,887.71	97

## BENCH-TOP AMPLIFIERS



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	DC Power (Optional DC In) (V)	AC Power (V/Cycle)	ECCN	Model No	1	2-4	5-9	10+	ROW
Broadband, High Rel	10 MHz - 15	12	0.3	4	28	16/360		EAR99	<a href="#">PE15A3037</a>	\$6,762.00	\$6,491.52	\$6,221.04	\$5,950.56	98

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## BENCH-TOP AMPLIFIERS



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	DC Power (Optional DC In) (V)	AC Power (V/Cycle)	ECCN	Model No	1	2-4	5-9	10+	ROW
High Gain, High Rel	1 - 20	60	3	5	10	12/	115/60	EAR99	<a href="#">PE15A3500</a>	\$13,056.69	\$12,534.42	\$12,012.15	\$11,489.89	1
							100/	EAR99	<a href="#">PE15A3512</a>	\$11,787.62	\$11,316.12	\$10,844.61	\$10,373.11	2
							220/	EAR99	<a href="#">PE15A3513</a>	\$12,524.34	\$12,023.37	\$11,522.39	\$11,021.42	3
	1 - 40	40	2.5		100/		EAR99	<a href="#">PE15A3514</a>	\$16,080.66	\$15,437.43	\$14,794.21	\$14,150.98	4	
					220/		EAR99	<a href="#">PE15A3515</a>	\$16,080.66	\$15,437.43	\$14,794.21	\$14,150.98	5	
					120/60		EAR99	<a href="#">PE15A3595</a>	\$16,731.16	\$16,145.57	\$15,559.98	\$15,058.04	6	
	20 - 40	30	2	10	100/60	EAR99	<a href="#">PE15A3508</a>	\$12,321.03	\$11,828.19	\$11,335.35	\$10,842.51	7		
					220/	EAR99	<a href="#">PE15A3509</a>	\$12,321.03	\$11,828.19	\$11,335.35	\$10,842.51	8		
					100/	EAR99	<a href="#">PE15A3510</a>	\$15,007.40	\$14,407.10	\$13,806.81	\$13,206.51	9		
					220/	EAR99	<a href="#">PE15A3511</a>	\$15,007.40	\$14,407.10	\$13,806.81	\$13,206.51	10		

## GAIN BLOCK AMPLIFIERS



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	IP3 (dBm)	DC Power (V/mA)	ECCN	Model No	1 Pc. Price	See Web for Volume Pricing	ROW	
Gain Block	10 MHz - 3	12	10	5.5	10		15/40	EAR99	<a href="#">PE1514</a>	\$489.79	See Web for Volume Pricing	11	
		15	2	3	11	12	18/40	EAR99	<a href="#">PE1528</a>	\$160.93		12	
		20	14	2.7	13		15/50	EAR99	<a href="#">PE1513</a>	\$485.91		13	
	10 MHz - 6	15	0.35	4.5		26	12/50	EAR99	<a href="#">PE15A8001</a>	\$753.78		14	
		22	0.75		12		12/150	EAR99	<a href="#">PE1517</a>	\$531.64		15	
	50 MHz - 1	22	1		5	22	35	12/150	EAR99	<a href="#">PE1518</a>		\$663.80	16
	50 MHz - 4	26			6	16		12/120	EAR99	<a href="#">PE15A8000</a>		\$849.81	17
	100 MHz - 3	18	18		15			15/120	EAR99	<a href="#">PE1516</a>		\$564.00	18
200 MHz - 2.5	22	1.25		15			15/120	EAR99	<a href="#">PE1525</a>	\$562.28		19	
Gain Block, High Rel	500 MHz - 2	17	0.4	1.8		25	12/70	EAR99	<a href="#">PE15A8004</a>	\$965.94		20	
		50	1.8				12/180	EAR99	<a href="#">PE15A8005</a>	\$1,282.73		21	
Gain Block	1 - 4	26		2.5	15		12/120	EAR99	<a href="#">PE1519</a>	\$1,045.47		22	
	2 - 4	25	0.5	3			12/120	EAR99	<a href="#">PE1520</a>	\$1,086.20		23	
	2 - 6	26		3			12/120	EAR99	<a href="#">PE1521</a>	\$917.09		24	
	2 - 18	23	1	3.5	13		12/150	EAR99	<a href="#">PE1524</a>	\$1,313.73		25	
	4 - 8	26	0.5	3	15		12/100	EAR99	<a href="#">PE1522</a>	\$1,126.13		26	
Gain Block, High Rel	6 - 12	12	0.4	2.3	10	20	12/80	EAR99	<a href="#">PE15A8006</a>	\$1,433.65		27	
Gain Block	6 - 18	17	0.6	4.5	20		12/160	EAR99	<a href="#">PE15A8007</a>	\$1,999.56		28	
		22	1		13		12/150	EAR99	<a href="#">PE1523</a>	\$1,493.50		29	

## DC COUPLED AMPLIFIERS



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	IP3 (dBm)	DC Power (V/mA)	ECCN	Model No	1-4	5-9	10-24	25+	ROW
DC Coupled	DC - 17 MHz	30			14	25	/45	EAR99	<a href="#">PE15A86002</a>	\$637.59	\$605.71	\$573.83	\$548.33	30
	DC - 1.5	14			11		/45	EAR99	<a href="#">PE15A86001</a>	\$920.55	\$874.52	\$828.50	\$791.67	31
	DC - 2	8		16			12/45	EAR99	<a href="#">PE15A86000</a>	\$885.99	\$841.69	\$797.39	\$761.95	32

## LIMITING AMPLIFIERS



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	Input Power (dBm)	Psat (dBm)	DC Power (V/mA)	ECCN	Model No	1	2-4	5-9	10+	ROW
Limitings, High Rel	1 - 2	60	3	3	-40 to 10	19	13/250	EAR99	<a href="#">PE15A6002</a>	\$2,421.09	\$2,324.25	\$2,227.40	\$2,130.56	33
	2 - 4	40			-20 to 10		15/200	EAR99	<a href="#">PE15A6015</a>	\$2,468.50	\$2,369.76	\$2,271.02	\$2,172.28	34
	2 - 6	80	3		4	-61 to 10	15	13/550	EAR99	<a href="#">PE15A6007</a>	\$3,103.42	\$2,979.28	\$2,855.15	\$2,731.01
	2 - 8	40	2	5	-20 to 20	19	13/300	EAR99	<a href="#">PE15A6008</a>	\$2,386.50	\$2,291.04	\$2,195.58	\$2,100.12	36
	6 - 18			4			13/300	EAR99	<a href="#">PE15A6012</a>	\$2,905.00	\$2,788.80	\$2,672.60	\$2,556.40	37



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## LOG AMPLIFIERS



Amplifiers

Amplifier Type	Frequency Band (GHz.)	Typ Recovery Time (ns)	Min TSS (dBm)	Log Linearity ± (dB)	Log Range (dBm)	Rise Time (ns)	Log Slope (mV/dB)	ECCN	Model No	1	2-4	5-9	10+	ROW
Log, High Rel	500 MHz - 18	150	-65	1.75	-65 to 5	20	20	EAR99	<a href="#">PE15A2003</a>	\$17,303.47	\$16,611.33	\$15,919.19	\$15,227.05	38
	2 - 6	60	-73		-70 to 5	15	40	EAR99	<a href="#">PE15A2001</a>	\$11,009.25	\$10,568.88	\$10,128.51	\$9,688.14	39
	6 - 18	150	-40	1	-40 to 0	20	50	EAR99	<a href="#">PE15A2004</a>	\$8,118.03	\$7,793.31	\$7,468.59	\$7,143.87	40

## LOW NOISE AMPLIFIERS

### Standard



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	IP3 (dBm)	DC Power (V/mA)	ECCN	Model No	1 Pc. Price	See Web for Volume Pricing	ROW
Low Noise	0.009 MHz - 3	32	1.25	2.5	16	29	15/110	EAR99	<a href="#">PE15A1007</a>	\$457.08	See Web for Volume Pricing	41
	0.01 MHz - 500 MHz	45	0.5		11	23	16/75	EAR99	<a href="#">PE15A1046</a>	\$719.51		42
	0.01 MHz - 1.4	42	1	3	19	32	16/120	EAR99	<a href="#">PE15A1055</a>	\$836.76		43
	0.01 MHz - 2	28	2	3.2	13	23	18/45	EAR99	<a href="#">PE15A1059</a>	\$606.34		44
	0.03 MHz - 600 MHz	50	1.2	2.2	14	24	18/85	EAR99	<a href="#">PE15A1047</a>	\$909.51		45
	1 MHz - 500 MHz	33.5	1.5	2	13		30/40	EAR99	<a href="#">PE15A1045</a>	\$606.34		46
	10 MHz - 250 MHz	17	0.5	1.4	22	39	5.25/160	EAR99	<a href="#">PE15A1043</a>	\$836.76		47
	10 MHz - 550 MHz	29.7	0.3	1.7	19	34	15/105	EAR99	<a href="#">PE15A1044</a>	\$759.96		48
	10 MHz - 600 MHz	40.5	0.8	0.9		30	15/140	EAR99	<a href="#">PE15A1063</a>	\$1,216.71		49
	10 MHz - 800 MHz	42	0.7	2	17	30	15/100	EAR99	<a href="#">PE15A1048</a>	\$720.63		50
	60	1.5	2.1	27		15/160	EAR99	<a href="#">PE15A1065</a>	\$1,358.18	51		
High Gain	10 MHz - 1	30	0.7	1			15/110	EAR99	<a href="#">PE15A1011</a>	\$502.39	52	
		32		2	12	23	15/40	EAR99	<a href="#">PE15A1049</a>	\$540.47	53	
		40	1	0.8	17	31.5	15/110	EAR99	<a href="#">PE15A1012</a>	\$481.12	54	
		50	1.25	1	18	28	15/140	EAR99	<a href="#">PE15A1013</a>	\$569.87	55	
		51	0.8	2.2	13	22	15/88	EAR99	<a href="#">PE15A1052</a>	\$824.41	56	
Low Noise	10 MHz - 1.3	35	0.5	1.5	20	34	15/165	EAR99	<a href="#">PE15A1054</a>	\$990.35	57	
	10 MHz - 3	34	0.75	1.4	11	25	15/95	EAR99	<a href="#">PE15A1009</a>	\$738.40	58	
	20 MHz - 1	30	0.5	1.3	18	32	18/140	EAR99	<a href="#">PE15A1051</a>	\$793.47	59	
		30.5	0.8		19	34	15/140	EAR99	<a href="#">PE15A1064</a>	\$1,216.71	60	
	20 MHz - 1.5	20	1.2	1	17	35	18/70	EAR99	<a href="#">PE15A1057</a>	\$719.51	61	
	20 MHz - 3	25	0.75	1.6	13.5	25	15/75	EAR99	<a href="#">PE15A1008</a>	\$685.54	62	
	20 MHz - 4		0.7	2	18	34	5.5/160	EAR99	<a href="#">PE15A1061</a>	\$1,026.72	63	
	40 MHz - 3	16	1.6	1.3	7	22	3.3/18	EAR99	<a href="#">PE15A1060</a>	\$731.43	64	
	50 MHz - 1	18	0.5	1	16	32	18/70	EAR99	<a href="#">PE15A1050</a>	\$682.29	65	
		19			18	36	12/90	EAR99	<a href="#">PE15A1014</a>	\$303.05	66	
	50 MHz - 1.2	47	1	2.2	13	23	15/88	EAR99	<a href="#">PE15A1053</a>	\$836.76	67	
	50 MHz - 2	27	0.75	1.8	22	37	13.5/160	EAR99	<a href="#">PE15A1042</a>	\$692.87	68	
	100 MHz - 2	61.5	1	2.5	19	33	15/170	EAR99	<a href="#">PE15A1066</a>	\$1,483.48	69	
	500 MHz - 3	14.5	0.4	2	20	35	12/90	EAR99	<a href="#">PE15A1017</a>	\$354.50	70	
		29	1	2.6		34	12/190	EAR99	<a href="#">PE15A1018</a>	\$448.62	71	
500 MHz - 4	24	2.5	0.7	17	35	15/65	EAR99	<a href="#">PE15A1068</a>	\$836.76	72		
	23			18		15/65	EAR99	<a href="#">PE15A1067</a>	\$836.76	73		
Low Noise, High Rel	1 - 2	35	1	1.5	10		13/200	EAR99	<a href="#">PE15A1000</a>	\$1,332.30	74	
High Gain		40		0.8	11	25	12/120	EAR99	<a href="#">PE15A1019</a>	\$1,059.33	75	
Low Noise	1 - 4	20	1.2	20	41	15/120	EAR99	<a href="#">PE15A1070</a>	\$836.76	76		
Low Noise, High Rel	1 - 12	16	1.75	1.5	10		6/60	EAR99	<a href="#">PE15A1031</a>	\$5,588.46	77	
		25					10	13.2/150	EAR99	<a href="#">PE15A1023</a>	\$632.48	78
		35					17	13.2/180	EAR99	<a href="#">PE15A1024</a>	\$709.12	79
High Gain, High Rel	1.2 - 1.4	40	0.75	1.5	15		13.2/200	EAR99	<a href="#">PE15A1005</a>	\$1,180.72	80	
Low Noise						1.2 - 1.6	0.5	0.8	12	15/100	EAR99	<a href="#">PE15A1028</a>
Low Phase Noise, High Rel	1.5 - 5	14		4.5	17	27	9/170	EAR99	<a href="#">PE15A1034</a>	\$6,101.05	82	
Low Noise, High Rel	2 - 4	38	1	2	13		13/200	EAR99	<a href="#">PE15A1001</a>	\$1,589.37	83	
Low Noise		40				0.7	14	15/100	EAR99	<a href="#">PE15A1041</a>	\$1,073.26	84
High Gain	2 - 6	40	0.9	6.5	13	25	15/110	EAR99	<a href="#">PE15A1010</a>	\$1,086.68	85	
Low Phase Noise, High Rel	2 - 18					12.5	5/80	EAR99	<a href="#">PE15A1030</a>	\$10,151.46	86	
	3 - 8	11		6	14	25	7/250	EAR99	<a href="#">PE15A1035</a>	\$6,101.05	87	

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## Standard



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	IP3 (dBm)	DC Power (V/mA)	ECCN	Model No	1	2-4	5-9	10+	ROW
High Gain, High Rel	3.1 - 3.5	40	0.3	1.1	15		17/150	EAR99	<a href="#">PE15A1006</a>	\$1,953.88	\$1,875.72	\$1,797.57	\$1,719.41	88
Low Noise, High Rel	4 - 8	38	1	2	13		13/250	EAR99	<a href="#">PE15A1002</a>	\$1,948.14	\$1,870.21	\$1,792.29	\$1,714.36	89
	5 - 9	22.5		1.75	14.8	25	12/105	EAR99	<a href="#">PE15A9002</a>	\$7,257.75	\$6,967.44	\$6,677.13	\$6,386.82	90
Low Phase Noise, High Rel	6 - 12	11	1	4.5	20	34	7/200	EAR99	<a href="#">PE15A1032</a>	\$6,433.88	\$6,176.52	\$5,919.17	\$5,661.81	91
Low Noise		25	0.7	2.1	11	25	5.5/65	EAR99	<a href="#">PE15A1072</a>	\$1,633.07	\$1,567.75	\$1,502.42	\$1,437.10	92
	6 - 18	26	2.5	1.9			5.5/65	EAR99	<a href="#">PE15A1071</a>	\$1,709.85	\$1,641.46	\$1,573.06	\$1,504.67	93
Low Phase Noise, High Rel	7 - 11	9		6	22	33	7/300	EAR99	<a href="#">PE15A1033</a>	\$7,224.46	\$6,935.48	\$6,646.50	\$6,357.52	94
Low Noise, High Rel	8 - 12	18	1	2.2	13		13/150	EAR99	<a href="#">PE15A1027</a>	\$1,697.72	\$1,629.81	\$1,561.90	\$1,493.99	95
		13/200					EAR99	<a href="#">PE15A1026</a>	\$2,072.88	\$1,989.96	\$1,907.05	\$1,824.13	96	
		13/250					EAR99	<a href="#">PE15A1003M</a>	\$2,063.70	\$1,981.15	\$1,898.60	\$1,816.06	97	
		13/250					EAR99	<a href="#">PE15A1003</a>	\$2,304.22	\$2,212.05	\$2,119.88	\$2,027.71	98	
		13/300					EAR99	<a href="#">PE15A1025</a>	\$2,452.85	\$2,354.74	\$2,256.62	\$2,158.51	99	
		13/300					EAR99	<a href="#">PE15A1004</a>	\$2,518.20	\$2,417.47	\$2,316.74	\$2,216.02	1	
Low Noise	26.5 - 40	43	2	2	12	20	15/110	EAR99	<a href="#">PE15A3300</a>	\$3,366.75	\$3,232.08	\$3,097.41	\$2,962.74	2

## Input Protected



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	IP3 (dBm)	DC Power (V/mA)	ECCN	Model No	1 Pc. Price	See Web for Volume Pricing	ROW
Input Protected Low Noise	10 MHz - 1	30	0.7	1	17	32	15/120	EAR99	<a href="#">PE15A63000</a>	\$718.42	See Web for Volume Pricing	3
		40	1			31.5	15/110	EAR99	<a href="#">PE15A63001</a>	\$714.41		4
	30 MHz - 1.5	25	0.5	1.6	22	15/150	EAR99	<a href="#">PE15A63002</a>	\$664.39	5		
		29			23	39	15/160	EAR99	<a href="#">PE15A63003</a>	\$664.39		6
	900 MHz - 1.2	30	1	1.2	10	12/100	EAR99	<a href="#">PE15A63004</a>	\$622.51	7		
		40				12/100	EAR99	<a href="#">PE15A63005</a>	\$622.51	8		
1 - 1.4	30				12/110	EAR99	<a href="#">PE15A63006</a>	\$622.51	9			
GaN Input Protected Low Noise	1 - 7	42	3.5	1.5	22	31	28/200	EAR99	<a href="#">PE15A1075</a>	\$6,211.34	10	
Integrated Band Pass Filter Low Noise	1 - 23	29	1.5	3.5	20	32	28/250	EAR99	<a href="#">PE15A1074</a>	\$5,806.63	11	
		25					12/130	EAR99	<a href="#">PE15A1039</a>	\$1,018.07	12	
Input Protected Low Noise	2 - 2.6	30	0.35	0.85	12		15/110	EAR99	<a href="#">PE15A63007</a>	\$971.79	13	
			1	1.2	10		12/120	EAR99	<a href="#">PE15A63008</a>	\$962.62	14	
	2.6 - 3.1	40				12/120	EAR99	<a href="#">PE15A63009</a>	\$869.35	15		
		28	0.5	0.8	8	20	15/45	EAR99	<a href="#">PE15A63010</a>	\$869.35	16	
	3.1 - 3.5	35	1	0.85	13		12/100	EAR99	<a href="#">PE15A63011</a>	\$916.78	17	
GaN Input Protected Low Noise	5 - 13	44	2.5	1.8	22	31	28/160	EAR99	<a href="#">PE15A1073</a>	\$6,580.85	18	

## POWER AMPLIFIERS (<4W)



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	Psat (dBm)	DC Power (V/mA)	ECCN	Model No	1 Pc. Price	See Web for Volume Pricing	ROW
High Power, Class AB	1 MHz - 1	36	1.5		33	36	28/1,200	EAR99	<a href="#">PE15A5030</a>	\$3,087.89	See Web for Volume Pricing	20
High Power, Class AB, Power with Fan							28/1,700	EAR99	<a href="#">PE15A5030F</a>	\$3,879.26		21
High Power, Class AB	1.5 MHz - 30 MHz	47	2		47	28/5,000	EAR99	<a href="#">PE15A5055</a>	\$5,273.60	22		
	1.5 MHz - 100 MHz					28/5,000	EAR99	<a href="#">PE15A5056</a>	\$6,798.00	23		
Power	20 MHz - 520 MHz	51				50	28/9,000	EAR99	<a href="#">PE15A5065</a>	\$6,384.04		24
Power	20 MHz - 1	40	0.5	6			24/630	EAR99	<a href="#">PE15A4072</a>	\$2,165.53		25
High Power, Class AB		49	2		49	28/11,000	EAR99	<a href="#">PE15A5057</a>	\$7,814.28	26		
Power	20 MHz - 3	27	0.75		30		12/220	EAR99	<a href="#">PE15A4017</a>	\$848.39	27	

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Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	Psat (dBm)	DC Power (V/mA)	ECCN	Model No	1 Pc. Price	See Web for Volume Pricing	ROW
Power	30 MHz - 3	38	1	5	30	28	12/270	EAR99	<a href="#">PE15A4018</a>	\$973.42	See Web for Volume Pricing	28
	50 MHz - 1	26	0.75		28		12/450	EAR99	<a href="#">PE15A4009</a>	\$1,379.13		29
	60 MHz - 6	36	1.5		28		15/530	EAR99	<a href="#">PE15A4019</a>	\$2,718.96		30
High Rel	100 MHz - 18	25	3	8	29	10	15/1,000	EAR99	<a href="#">PE15A4052</a>	\$11,591.93		31
High Rel, Power with Fan							15/2,160	EAR99	<a href="#">PE15A4052F</a>	\$11,266.88		32
Power, Class AB	200 MHz - 2.6	46	4	6	33	10	28/1,400	EAR99	<a href="#">PE15A5084</a>	\$10,940.75		33
High Power, Class AB	500 MHz - 1	50	2		50	28/10,000	EAR99	<a href="#">PE15A5058</a>	\$6,798.00	34		
High Rel	500 MHz - 4	30	3	30	30	30	12/1,500	EAR99	<a href="#">PE15A4053</a>	\$4,066.98		35
High Rel, Power with Fan							12/2,660	EAR99	<a href="#">PE15A4053F</a>	\$4,985.53		36
High Power, Class AB	800 MHz - 1	53	2	31	46	53	28/25,000	EAR99	<a href="#">PE15A5061</a>	\$6,798.00		37
Power, Class AB	800 MHz - 2	55	2.5				28/3,000	EAR99	<a href="#">PE15A5077</a>	\$11,462.49		38
Power, Class AB, Power with Fan	800 MHz - 4.2	60	5	30.8	31.8	33	28/3,000	EAR99	<a href="#">PE15A5078</a>	\$12,725.63		39
Power, Class AB		31	2				13/1,000	EAR99	<a href="#">PE15A5034F</a>	\$3,110.21		40
Power	820 MHz - 960 MHz	15	0.5	2	30	30	12/500	EAR99	<a href="#">PE15A4026</a>	\$547.65		42
	High Power	1 - 2	35		0.75		33	12/600	EAR99	<a href="#">PE15A4025</a>		\$1,381.65
36				12/800		EAR99	<a href="#">PE15A4016</a>	\$1,613.89	44			
Power, Class AB	1 - 2.5	14	3	10	33	20	28/2,200	EAR99	<a href="#">PE15A5085</a>	\$9,330.62		45
		45	4				7	28/650	EAR99	<a href="#">PE15A5083</a>		\$10,312.99
High Power	2 - 2.6	54	2.5	31	30	37	28/2,400	EAR99	<a href="#">PE15A5074</a>	\$9,854.74		47
		32	0.5				36	37	EAR99	<a href="#">PE15A4011</a>		\$2,508.51
High Rel	2 - 8	38	2.5	5.5	30	30	12/1,200	EAR99	<a href="#">PE15A4054</a>	\$5,741.95		49
High Rel, Power with Fan							12/2,360	EAR99	<a href="#">PE15A4054F</a>	\$6,928.48		50
High Rel	2 - 12	35	4	33	33	33	15/4,500	EAR99	<a href="#">PE15A4055</a>	\$13,323.78		51
High Rel, Power with Fan							15/5,660	EAR99	<a href="#">PE15A4055F</a>	\$15,314.82		52
High Rel	2 - 18	30	2.5	30	33	33	12/2,500	EAR99	<a href="#">PE15A4056</a>	\$12,074.18		53
High Rel, Power with Fan							12/3,660	EAR99	<a href="#">PE15A4056F</a>	\$13,005.48		54
Power	2 - 18	4	4	33	33	33	12/5,000	EAR99	<a href="#">PE15A4057</a>	\$14,151.92		55
Power with Fan							12/6,160	EAR99	<a href="#">PE15A4057F</a>	\$15,025.89		56
High Rel	2 - 20	5.5	31	31	31	31	12/4,500	EAR99	<a href="#">PE15A4058</a>	\$14,526.47		57
High Rel, Power with Fan							12/5,660	EAR99	<a href="#">PE15A4058F</a>	\$14,341.03		58
High Power	3.1 - 3.5	45	1.5	4	40	40	15/5,000	EAR99	<a href="#">PE15A5002</a>	\$3,162.44	59	
	3.5 - 7	26	2	11	36	37	11,600	EAR99	<a href="#">PE15A4012</a>	\$3,106.52	60	
Power, Class AB, Power with Fan	4.4 - 4.9	48	5	33	20	20	28/3,600	5A991.G	<a href="#">PE15A5079</a>	\$15,310.66	61	
							28/3,600	5A991.G	<a href="#">PE15A5080</a>	\$17,230.20	62	
High Rel	6 - 12	47	2.5	6.5	30.5	30.5	12/1,500	EAR99	<a href="#">PE15A4060</a>	\$5,015.70	63	
High Rel, Power with Fan							12/2,660	EAR99	<a href="#">PE15A4060F</a>	\$6,678.92	64	
High Rel	6 - 18	30	7	27	33	33	12/1,380	EAR99	<a href="#">PE15A4061F</a>	\$6,614.54	65	
							12/800	EAR99	<a href="#">PE15A4061</a>	\$5,851.47	66	
High Rel, Power with Fan	6 - 18	35	3.5	10	30	30	12/2,500	EAR99	<a href="#">PE15A5048</a>	\$11,313.43	67	
High Rel							12/3,660	EAR99	<a href="#">PE15A5048F</a>	\$12,263.06	68	
High Rel, Power with Fan	6 - 18	38	10	30	30	30	12/1,800	EAR99	<a href="#">PE15A4062</a>	\$10,060.03	69	
High Rel, Power with Fan							12/2,960	EAR99	<a href="#">PE15A4062F</a>	\$11,072.50	70	
High Power	7.5 - 11	25	2	33	37	37	EAR99	<a href="#">PE15A4013</a>	\$2,510.32	71		
Power	8 - 11								31	34	EAR99	<a href="#">PE15A4014</a>
High Power		8 - 11	28	3	32	36	36	EAR99	<a href="#">PE15A4015</a>	\$2,145.64	73	
High Rel	8 - 12									30	2	33
High Rel, Power with Fan		12/3,660	EAR99	<a href="#">PE15A5051F</a>	\$8,067.33	75						

## POWER AMPLIFIERS (<4W)



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	Psat (dBm)	DC Power (V/mA)	ECCN	Model No	1	2-4	5-9	10+	ROW
Power	8 - 12	41	1	3.5	30	31	12/1,200	EAR99	<a href="#">PE15A4008</a>	\$3,586.61	\$3,443.15	\$3,299.68	\$3,156.22	76
High Rel, Power with Fan	8 - 12.4	30	1.75	6	27		12/1,380	EAR99	<a href="#">PE15A4063F</a>	\$4,988.63	\$4,789.08	\$4,589.54	\$4,389.99	77
High Rel							12/800	EAR99	<a href="#">PE15A4063</a>	\$4,277.44	\$4,106.34	\$3,935.24	\$3,764.15	78
Power	8.5 - 11	43	0.5	3	30		15/900	EAR99	<a href="#">PE15A4006</a>	\$2,913.62	\$2,797.08	\$2,680.53	\$2,563.99	79
	14.4 - 15.4						12/4,500	EAR99	<a href="#">PE15A4007</a>	\$3,996.87	\$3,837.00	\$3,677.12	\$3,517.25	80
High Rel			0.75	5	36		15/1,500	EAR99	<a href="#">PE15A5021</a>	\$8,049.45	\$7,727.47	\$7,405.49	\$7,083.52	81
High Rel, Power with Fan		28	2.5	7	27		12/1,150	EAR99	<a href="#">PE15A4064</a>	\$9,795.30	\$9,403.49	\$9,011.68	\$8,619.86	82
High Rel, Power with Fan	18 - 26.5	33	1.25	5	31		12/1,730	EAR99	<a href="#">PE15A4064F</a>	\$10,344.63	\$9,930.84	\$9,517.06	\$9,103.27	83
Power							12/1,800	EAR99	<a href="#">PE15A4021</a>	\$4,425.55	\$4,248.53	\$4,071.51	\$3,894.48	84
High Rel		3					12/3,500	EAR99	<a href="#">PE15A5054</a>	\$13,125.15	\$12,600.14	\$12,075.14	\$11,550.13	85
High Rel, Power with Fan		3			33		12/4,660	EAR99	<a href="#">PE15A5054F</a>	\$13,239.92	\$12,710.32	\$12,180.73	\$11,651.13	86
High Rel	18 - 40	35	4	9	23		12/1,000	EAR99	<a href="#">PE15A4065</a>	\$11,612.38	\$11,147.88	\$10,683.39	\$10,218.89	87
High Rel, Power with Fan							12/1,580	EAR99	<a href="#">PE15A4065F</a>	\$11,854.98	\$11,380.78	\$10,906.58	\$10,432.38	88
Power	26.5 - 40	3	4.5	20	22		12/270	EAR99	<a href="#">PE15A4050</a>	\$3,206.44	\$3,078.18	\$2,949.92	\$2,821.67	89
High Rel							12/3,000	EAR99	<a href="#">PE15A4067</a>	\$13,206.00	\$12,743.79	\$12,281.58	\$11,885.40	90
High Rel, Power with Fan		4	10		27		12/3,160	EAR99	<a href="#">PE15A4067F</a>	\$14,311.43	\$13,810.53	\$13,309.63	\$12,880.29	91
High Rel	30 - 40	20	2				12/350	EAR99	<a href="#">PE15A4069</a>	\$8,310.61	\$7,978.19	\$7,645.76	\$7,313.34	92
High Rel, Power with Fan							12/930	EAR99	<a href="#">PE15A4069F</a>	\$8,919.80	\$8,563.01	\$8,206.22	\$7,849.42	93

Amplifiers

## HIGH POWER AMPLIFIERS (>4W)



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	Psat (dBm)	DC Power (V/mA)	ECCN	Model No	1	2-4	5-9	10+	ROW			
High Power, Class AB	0.15 MHz - 230 MHz	43			41.8	44	28/5,000	EAR99	<a href="#">PE15A5028</a>	\$4,904.86	\$4,708.67	\$4,512.47	\$4,316.28	94			
							28/5,500	EAR99	<a href="#">PE15A5028F</a>	\$5,305.50	\$5,093.28	\$4,881.06	\$4,668.84	95			
							28/2,000	EAR99	<a href="#">PE15A5029</a>	\$2,589.71	\$2,486.12	\$2,382.53	\$2,278.94	96			
High Power, Class AB, Power with Fan	0.5 MHz - 500 MHz	44				39	28/2,000	EAR99	<a href="#">PE15A5029F</a>	\$2,758.17	\$2,647.84	\$2,537.52	\$2,427.19	97			
High Power, Class AB	20 MHz - 1	46			40	44	28/5,200	EAR99	<a href="#">PE15A5031</a>	\$4,085.84	\$3,922.41	\$3,758.97	\$3,595.54	98			
High Power, Class AB, Power with Fan							28/5,800	EAR99	<a href="#">PE15A5031F</a>	\$4,864.42	\$4,669.84	\$4,475.27	\$4,280.69	99			
High Power, Class AB	500 MHz - 3	48	2		44	47	36/8,333	EAR99	<a href="#">PE15A5032</a>	\$16,016.50	\$15,375.84	\$14,735.18	\$14,094.52	1			
High Power	700 MHz - 2.2	30		10	38.5			EAR99	<a href="#">PE15A5004</a>	\$2,484.22	\$2,397.27	\$2,310.32	\$2,235.80	2			
	800 MHz - 960 MHz						12/1,800	EAR99	<a href="#">PE15A5040</a>	\$1,395.54	\$1,339.72	\$1,283.90	\$1,228.08	3			
							12/1,800	EAR99	<a href="#">PE15A5041</a>	\$1,463.45	\$1,404.91	\$1,346.37	\$1,287.84	4			
High Power, Class AB	800 MHz - 2	41	1.5		40	40.8	13/5,500	EAR99	<a href="#">PE15A5035F</a>	\$5,017.69	\$4,816.98	\$4,616.27	\$4,415.57	5			
High Power, Class A	800 MHz - 2.5	40	2		41		12/5,500	EAR99	<a href="#">PE15A5020</a>	\$5,129.12	\$4,923.96	\$4,718.79	\$4,513.63	6			
High Power	860 MHz - 960 MHz	42	1	3.5	44		12/2,800	EAR99	<a href="#">PE15A5042</a>	\$2,977.14	\$2,858.05	\$2,738.97	\$2,619.88	7			
							12/6,500	EAR99	<a href="#">PE15A5039</a>	\$4,248.38	\$4,078.44	\$3,908.51	\$3,738.57	8			
High Power, Class AB, Power with Fan	1 - 2.5	40	1.5		39	40	13/5,500	EAR99	<a href="#">PE15A5036F</a>	\$5,444.46	\$5,226.68	\$5,008.90	\$4,791.12	9			
High Power, Class AB							41			13/5,000	EAR99	<a href="#">PE15A5036</a>	\$4,477.46	\$4,298.36	\$4,119.26	\$3,940.16	10
Power, Class AB, Power with Fan							47			38	18	28/1,900	EAR99	<a href="#">PE15A5082</a>	\$12,669.13	\$12,162.36	\$11,655.60
Power, Class AB		50					28/1,900	EAR99	<a href="#">PE15A5081</a>	\$10,792.23	\$10,360.54	\$9,928.85	\$9,497.16	12			

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Amplifiers

Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	Psat (dBm)	DC Power (V/mA)	ECCN	Model No	1	2-4	5-9	10+	ROW
High Power, Class AB	1 - 3	44	1.5	10	37.8	39	13/3,000	EAR99	<a href="#">PE15A5037</a>	\$5,519.84	\$5,299.05	\$5,078.25	\$4,857.46	13
High Power, Class AB, Power with Fan							13/4,000	EAR99	<a href="#">PE15A5037F</a>	\$6,554.80	\$6,292.61	\$6,030.42	\$5,768.22	14
High Power	1.2 - 1.4	40	0.3	10	38.5	39	12/4,000	EAR99	<a href="#">PE15A5001</a>	\$4,323.37	\$4,150.44	\$3,977.50	\$3,804.57	15
	1.5 - 3.5	20	1.25				EAR99	<a href="#">PE15A5005</a>	\$2,636.59	\$2,531.13	\$2,425.66	\$2,320.20	16	
Power, Class AB	1.7 - 2.4	54	3	10	37	35	28/3,600	EAR99	<a href="#">PE15A5073</a>	\$9,395.13	\$9,019.32	\$8,643.52	\$8,267.71	17
High Power	1.7 - 2.5	11	0.5				EAR99	<a href="#">PE15A5015</a>	\$2,646.46	\$2,540.60	\$2,434.74	\$2,328.88	18	
Power, Class AB	2 - 4	39	1.5	10	37.8	39	13/3,000	EAR99	<a href="#">PE15A5038</a>	\$5,709.75	\$5,481.36	\$5,252.97	\$5,024.58	19
							13/5,500	EAR99	<a href="#">PE15A5038F</a>	\$6,128.78	\$5,883.63	\$5,638.48	\$5,393.33	20
High Rel	2 - 6	40	3.5	10	37	38	12/7,000	EAR99	<a href="#">PE15A5047</a>	\$11,637.22	\$11,171.73	\$10,706.24	\$10,240.75	21
High Rel, Power with Fan							12/8,160	EAR99	<a href="#">PE15A5047F</a>	\$12,747.77	\$12,237.86	\$11,727.95	\$11,218.04	22
High Power	2.3 - 2.7	55	0.5	10	41.5	38.5	12/5,500	EAR99	<a href="#">PE15A5018</a>	\$6,082.67	\$5,839.36	\$5,596.06	\$5,352.75	23
	2.5 - 4	19					EAR99	<a href="#">PE15A5006</a>	\$1,680.70	\$1,613.47	\$1,546.24	\$1,479.02	24	
	2.6 - 4.2	1	9		39	39	EAR99	<a href="#">PE15A5007</a>	\$1,746.25	\$1,676.40	\$1,606.55	\$1,536.70	25	
	3.1 - 3.5	47	1.5		3.5	43	EAR99	<a href="#">PE15A5003</a>	\$4,323.37	\$4,150.44	\$3,977.50	\$3,804.57	26	
	3.5 - 7	19	2		12	37	38	EAR99	<a href="#">PE15A5008</a>	\$3,498.52	\$3,358.58	\$3,218.64	\$3,078.70	27
	5.5 - 9.5	24			8.5		EAR99	<a href="#">PE15A5009</a>	\$3,074.14	\$2,951.17	\$2,828.21	\$2,705.24	28	
High Rel	6 - 18	40	5	10	40	38	12/13,000	EAR99	<a href="#">PE15A5050</a>	\$21,007.15	\$20,271.90	\$19,536.65	\$18,906.44	29
High Rel, Power with Fan							15/14,160	EAR99	<a href="#">PE15A5050F</a>	\$23,430.44	\$22,610.37	\$21,790.31	\$21,087.40	30
High Rel		41			37	12/7,500	EAR99	<a href="#">PE15A5049</a>	\$17,697.50	\$17,078.09	\$16,458.68	\$15,927.75	31	
High Rel, Power with Fan						12/8,660	EAR99	<a href="#">PE15A5049F</a>	\$19,109.37	\$18,440.54	\$17,771.71	\$17,198.43	32	
High Rel	8 - 12	30	2.5	10	40	38	12/14,000	EAR99	<a href="#">PE15A5053</a>	\$17,547.81	\$16,933.64	\$16,319.46	\$15,793.03	33
High Rel, Power with Fan							12/15,160	EAR99	<a href="#">PE15A5053F</a>	\$18,655.88	\$18,002.92	\$17,349.97	\$16,790.29	34
High Rel		40			2	37	12/6,000	EAR99	<a href="#">PE15A5052</a>	\$13,014.04	\$12,493.48	\$11,972.92	\$11,452.36	35
High Power	8.5 - 10.5	36	1.5	10	38.5	38	12/4,000	EAR99	<a href="#">PE15A5044</a>	\$4,829.08	\$4,635.92	\$4,442.75	\$4,249.59	36
	8.5 - 11	30	0.75				EAR99	<a href="#">PE15A5043</a>	\$5,044.05	\$4,842.29	\$4,640.53	\$4,438.76	37	
	17.5 - 21.5	40	1.5				EAR99	<a href="#">PE15A4020</a>	\$4,773.72	\$4,582.77	\$4,391.82	\$4,200.87	38	

## GaN HIGH POWER AMPLIFIERS



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Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	Psat (dBm)	DC Power (V/mA)	ECCN	Model No	1	2-4	5-9	10+	ROW	
High Power	30 MHz - 2.5	43	2	10	40	40	12/2,800	EAR99	<a href="#">PE15A5011</a>	\$8,575.35	\$8,232.34	\$7,889.32	\$7,546.31	39	
	30 MHz - 2.7	35	1.5				39	11,400	EAR99	<a href="#">PE15A5086</a>	\$11,642.43	\$11,176.73	\$10,711.04	\$10,245.34	40
	100 MHz - 6	60	1.25				40	28/2,200	EAR99	<a href="#">PE15A5027</a>	\$19,358.10	\$18,583.78	\$17,809.45	\$17,035.13	41
High Power, Class AB	500 MHz - 2.5	48	2	10	44	47	28/7,000	EAR99	<a href="#">PE15A5059</a>	\$5,673.15	\$5,332.76	\$5,049.10	\$4,822.18	42	
		50					28/13,000	EAR99	<a href="#">PE15A5060</a>	\$12,974.58	\$12,196.11	\$11,547.38	\$11,028.39	43	
	500 MHz - 3	48	36/8,333				EAR99	<a href="#">PE15A5032</a>	\$16,016.50	\$15,375.84	\$14,735.18	\$14,094.52	44		
High Power, Class AB, Power with Fan	700 MHz - 2.7	45	1.5	10	50	50	30/8,733	EAR99	<a href="#">PE15A5033</a>	\$15,177.59	\$14,570.49	\$13,963.38	\$13,356.28	45	
							30/8,733	EAR99	<a href="#">PE15A5033F</a>	\$15,645.44	\$15,019.62	\$14,393.80	\$13,767.99	46	
High Power	700 MHz - 6	43	2		10	40	32/2,000	EAR99	<a href="#">PE15A5017</a>	\$9,969.23	\$9,570.46	\$9,171.69	\$8,772.92	47	
High Power, Class AB	800 MHz - 4.2	47		47				28/13,000	EAR99	<a href="#">PE15A5062</a>	\$8,845.71	\$8,314.97	\$7,872.68	\$7,518.85	48
	High Power	1 - 2	53	1.5		53	28/20,000	EAR99	<a href="#">PE15A5063</a>	\$10,358.38	\$9,736.88	\$9,218.96	\$8,804.62	49	
High Power	1 - 3	50	1.25	10	47	28/4,000	EAR99	<a href="#">PE15A5026</a>	\$19,201.56	\$18,433.50	\$17,665.44	\$16,897.37	50		



## GaN HIGH POWER AMPLIFIERS



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	P1dB (dBm)	Psat (dBm)	DC Power (V/mA)	ECCN	Model No	1	2-4	5-9	10+	ROW		
High Power, Class AB	1.2 - 1.6	48	2.5			47	28/8,000	EAR99	<a href="#">PE15A5064</a>	\$4,837.58	\$4,547.33	\$4,305.45	\$4,111.94	51		
		43				43	28/5,000	EAR99	<a href="#">PE15A5066</a>	\$8,624.71	\$8,107.23	\$7,675.99	\$7,331.00	52		
High Power	2 - 6	46	2			46	28/6,000	EAR99	<a href="#">PE15A5067</a>	\$14,135.03	\$13,286.93	\$12,580.18	\$12,014.78	53		
		50				1.25	7	44	28/3,000	EAR99	<a href="#">PE15A5024</a>	\$15,796.36	\$15,243.49	\$14,690.61	\$14,216.72	54
		47				28/6,000		EAR99	<a href="#">PE15A5025</a>	\$20,282.43	\$19,471.13	\$18,659.84	\$17,848.54	55		
High Power, Class AB	2 - 18	37	3.5			37	22/2,500	EAR99	<a href="#">PE15A5068</a>	\$17,561.50	\$16,507.81	\$15,629.74	\$14,927.28	56		
	6 - 10	43	2			43	24/7,000	EAR99	<a href="#">PE15A5069</a>	\$16,455.98	\$15,468.62	\$14,645.82	\$13,987.58	57		
	6 - 18	40	3			40	28/3,000	EAR99	<a href="#">PE15A5070</a>	\$14,949.49	\$14,052.52	\$13,305.05	\$12,707.07	58		
High Power	6.4 - 7.1	58	2			43	33/2,300	EAR99	<a href="#">PE15A5016</a>	\$10,021.26	\$9,620.41	\$9,219.56	\$8,818.71	59		
High Power, Class AB	8 - 12	43				28/5,000	EAR99	<a href="#">PE15A5071</a>	\$11,795.81	\$11,088.06	\$10,498.27	\$10,026.44	60			
		46	28/9,000	EAR99	<a href="#">PE15A5072</a>	\$18,869.81	\$17,737.62	\$16,794.13	\$16,039.34	61						

## VARIABLE GAIN AMPLIFIERS



Amplifier Type	Frequency Band (GHz.)	Gain (dB)	Gain Var. ±(dB)	NF (dB)	Atten. Range (dB)	Output P1dB (dBm)	Voltage	ECCN	Model No	1	2-4	5-9	10+	ROW	
Variable Gain, High Rel	100 MHz - 18	50	2	6.5	60	14	120 VAC	EAR99	<a href="#">PE15A7000</a>	\$18,119.27	\$17,394.50	\$16,669.73	\$15,944.96	62	
Variable Gain	500 MHz - 2	45		3.5	20	18	15 VDC		EAR99	<a href="#">PE15A7001</a>	\$7,084.09	\$6,800.73	\$6,517.36	\$6,234.00	63
	500 MHz - 4	43	4	EAR99					<a href="#">PE15A7002</a>	\$8,270.05	\$7,939.25	\$7,608.45	\$7,277.64	64	
	1 - 18	48	3	3.5					EAR99	<a href="#">PE15A7009</a>	\$10,011.60	\$9,611.14	\$9,210.67	\$8,810.21	65
	1 - 26.5	43	4	5.5					EAR99	<a href="#">PE15A7010</a>	\$13,475.84	\$12,936.81	\$12,397.77	\$11,858.74	66
	1 - 40	43	5	5					EAR99	<a href="#">PE15A7011</a>	\$14,505.84	\$13,925.61	\$13,345.37	\$12,765.14	67
	2 - 6	42	2	2					EAR99	<a href="#">PE15A7003</a>	\$8,270.05	\$7,939.25	\$7,608.45	\$7,277.64	68
	2 - 8	43	3	2.5					EAR99	<a href="#">PE15A7004</a>	\$8,657.15	\$8,310.86	\$7,964.58	\$7,618.29	69
	4 - 12	47	3	3.5					EAR99	<a href="#">PE15A7005</a>	\$8,222.84	\$7,893.93	\$7,565.01	\$7,236.10	70
	6 - 18	45	3	3					EAR99	<a href="#">PE15A7006</a>	\$8,956.29	\$8,598.04	\$8,239.79	\$7,881.54	71
	18 - 26.5	45	3	5.5					EAR99	<a href="#">PE15A7007</a>	\$11,227.00	\$10,777.92	\$10,328.84	\$9,879.76	72
	18 - 40	48	5	5					EAR99	<a href="#">PE15A7012</a>	\$13,424.34	\$12,887.37	\$12,350.39	\$11,813.42	73
	26.5 - 40	46	4	5					EAR99	<a href="#">PE15A7008</a>	\$12,349.70	\$11,855.71	\$11,361.72	\$10,867.74	74

## AMPLIFIER ACCESSORIES



Model No	Description	1 Pc. Price	See Web for Volume Pricing	ROW
<a href="#">PE15C5013</a>	Heat Sink for Most RF Power Amplifier PE15A5000 Series	\$471.61	See Web for Volume Pricing	75
<a href="#">PE15C5022</a>	Heat Sink for Rf Power Amplifier PE15A5022	\$633.83		76
<a href="#">PE15C5013F</a>	Heat Sink with 12V Fan for Most RF Power Amplifier PE15A5000 Series	\$1,352.02		77
<a href="#">PE15C5011F</a>	Heat Sink with 24V Fan for RF Amplifier PE15A5011, PE15A5016, PE15A5017, PE15A5019	\$1,180.50		78
<a href="#">PE15C5022F</a>	Heat Sink with 24V Fan for RF Power Amplifier PE15A5022	\$1,018.63		79
<a href="#">PE15A5990</a>	Heat Sink with Fan for RF Power Amplifier PE15A5024, PE15A5025 and PE15A5027	\$2,143.23		80
<a href="#">PE15C5014</a>	Heatsink for amplifier models PE15A4011-4015 and PE15A5004-5009	\$669.83		81
<a href="#">PE15G5060F</a>	Heatsink for amplifier models PE15A5055-5059, PE15A5064-5065, PE15A5068 and PE15A5070	\$738.77		82
<a href="#">PE15G5068F</a>	Heatsink for amplifier models PE15A5060-5063, PE15A5066-5067, PE15A5069, PE15A5071-5072	\$923.46		83
<a href="#">PE15J5011</a>	Power and Control Cable for RF Amplifier PE15A5011, PE15A5014, PE15A5016, PE15A5017, PE15A5018, PE15A5019, PE15A5020 and PE15A5022	\$242.54		84
<a href="#">PE15J5015</a>	Power and Control Cable for RF Amplifier PE15A5015, PE15A5023	\$128.80		85
<a href="#">PE15K5000</a>	Power and Control Cable for RF Amplifier PE15B5000 and PE15B5001	\$151.68		86
<a href="#">PE15K5002</a>	Power and Control Cable for RF Amplifier PE15B5002	\$121.29		87
<a href="#">PE15J000</a>	Power and Control Cable for RF Bi-Directional Amplifier PE15B5003	\$343.33		88



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**2022**  
RF Product Guide

