

Broadband Amplifiers

Part Number	Frequency (MHz)	Gain (dB)	Gain Variation (dB)	P1dB (dBm)	Noise Figure (dB)	IP3 (dBm)	DC Power (Volts/mA)	Mechanical Dimensions L(mm) X W(mm) X H(mm)
AAMP563-30-15-1	2-30	15	1	13	3.5	30	5/100	30X28X15
AAMP580-30-20-1	2-30	20	1	20	3.5	36	5/150	30X28X15
AAMP580-30-30-1	2-30	30	1	20	3.5	36	5/150	38X28X15
AAMP563-30-40-1	2-30	40	1	20	3	36	5/150	38X28X15
AAMP563-145-20-1	30-145	20	1	16	2.5	33	5/45	30X28X15
AAMP563-200-40-1	10-200	18	1	16	3.5	33	5/65	30X28X15
AAMP889-2G5-10-1	40-2500	10	1	14	2.3	30	5/65	30X28X15
AAMP889-2G5-15-1	40-2500	15	1	19	2.3	36	5/65	30X28X15
AAMP889-2G5-20-1	40-2500	20	1	19	3.3	33	5/140	38X28X15
AAMP889-2G5-25-1	40-2500	25	1	19	2.3	35	5/140	38X28X15
AAMP60601-6G-15-1	50-6000	15	1.5	12	5.5	22	5/85	20X20X12
AAMP563-2G5-20-1	100-2500	20	1	9	4	18	5/45	30X28X15
AAMP563-2G5-30-1	100-2500	30	1	9	4.5	18	5/85	38X28X15
AAMP563-2G5-40-1	100-2500	40	1	9	4	18	5/85	38X28X15
AAMP563-2G5-20-2	100-2500	20	1	16	4	25	5/85	30X28X15
AAMP563-2G5-30-2	100-2500	30	1	16	4.5	25	5/130	38X28X15
AAMP563-2G5-40-2	100-2500	40	1	16	4	25	5/130	38X28X15
AAMP14012-14G-12-1	300-14000	12	2	6	6.5	11	12/70	20X20X12
AAMP52563-30-40-1	500-5000	15	2	15	5	27	5/70	30X28X15
AAMP52563-30-40-1	500-5000	25	2	15	5.5	27	5/70	38X28X15
AAMP460-18G-12-1	1000-18000	12	2	12	5	27	12/75	38X28X15
AAMP6024-18G-20-1	5000-18000	20	1.5	12	5	27	12/150	45X30X20

Low Noise Amplifiers

Part Number	Frequency (MHz)	Gain (dB)	Gain Variation (dB)	P1dB (dBm)	Noise Figure (dB)	IP3 (dBm)	DC Power (Volts/mA)	Mechanical Dimensions L(mm) X W(mm) X H(mm)
ALNA478-30-1	2-30	22	3	19	2.6	37	5/90	30X28X15
ALNA478-100-2	10-100	22	3	19	2.6	37	5/90	30X28X15
ALNA478-150-1	10-150	20	3	19	2.6	37	5/90	30X28X15
ALNA5043-1	100-400	22	3	12	0.8	26	5/45	30X28X15
ALNA5043-2	400-900	17	3	15	0.8	28	5/45	30X28X15
ALNA5043-3	900-1500	15	3	18	0.9	30	5/45	30X28X15
ALNA5043-4	1400-1900	13	2	18	0.9	30	5/45	30X28X15
ALNA5043-5	1400-2500	10	2.5	18	1	30	5/45	30X28X15
ALNA5043-6	2000-2500	10	1.5	18	1	30	5/45	30X28X15
ALN-717-1	4800-6000	15	1	16	1.3	31	5/73	30X28X15
ALNA-460-1	1000-6000	15	1.5	14	4	29	5/75	38X28X15
ALNA-753-1	6000-9000	13	2	16	2.5	26	5/65	35X30X20
ALNA-516-1	9000-12000	18	2	12	3.5	25	5/88	35X30X20
ALNA-516-2	14000-16000	28	2	12	3.5	22	12/200	75X41X26
ALNA-516-3	12000-18000	16	2	12	3.5	25	5/88	35X30X20

Medium Power Amplifiers

Part Number	Frequency (MHz)	Gain (dB)	Gain Variation (dB)	P1dB (dBm)	Noise Figure (dB)	IP3 (dBm)	DC Power (Volts/mA)	Mechanical Dimensions L(mm) X W(mm) X H(mm)
AMPA580-30-1	2-30	18	1	25	4	40	5/200	40X30X20
AMPA580-30-2	2-30	40	1	25	4	40	5/280	40X30X20
AMPA580-200-1	2-200	18	1.5	25	4	40	5/200	40X30X20
AMPA580-200-2	2-200	36	1.5	25	4	40	5/280	40X30X20
AMPA10-1000-1	50-1000	12	1	26	4	45	5/550	40X30X20
AMPA10-1000-2	50-1000	25	1	26	4	45	5/600	40X30X20
AMPA637-1	500-2500	10	2	27	8	40	12/450	40X30X20
AMPA637-2	2000-6000	10	3	27	8	40	12/450	40X30X20
AMPA637-3	500-6000	10	2	27	8	40	12/450	40X30X20
AMPA637-4	500-2500	20	2	27	8	40	12/900	40X30X20
AMPA637-5	2000-6000	20	3	27	8	40	12/900	40X30X20
AMPA637-6	500-6000	20	2	27	8	40	12/900	40X30X20
AMPA634-1	2000-8000	15	2	25	6	30	12/300	35X30X20
AMPA464-1	2000-16000	15	2	25	6	20	12/300	35X30X20
AMPA464-2	2000-16000	15	2	25	6	20	12/300	35X30X20
AMPA516-1	14000-16000	38	2	33	3.5	45	12/3000	75X100X50

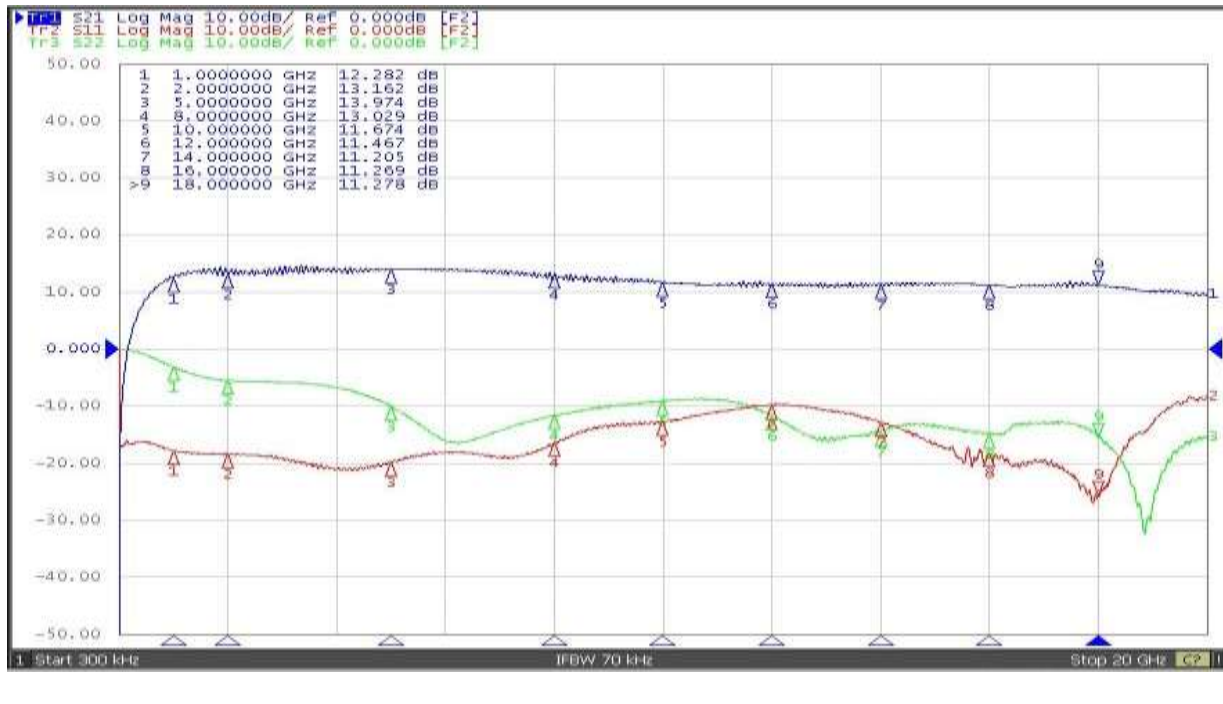
Filtered GPS Amplifiers

Part Number	Frequency (MHz)	Gain (dB)	Bandwidth (MHz)	P1dB (dBm)	Noise Figure (dB)	Attenuation (dB)	DC Power In (V)	Mechanical Dimensions L(mm) X W(mm) X H(mm)
AGNA5043-45-1	1575.42	45	2	25	1.1	60	5	50X30X15
AGNA5043-65-1	1575.42	65	2	25	1.1	60	5	50X30X15
AGNA5043-45-2	1575.42	45	2	25	1.1	60	8-12	50X30X15
AGNA5043-65-2	1575.42	65	2	25	1.1	60	8-12	50X30X15
AGNA5043-45-3	1575.42	45	10	25	1.1	60	5	50X30X15
AGNA5043-65-3	1575.42	65	10	25	1.1	60	5	50X30X15
AGNA5043-45-4	1575.42	45	10	25	1.1	60	8-12	50X30X15
AGNA5043-45-4	1575.42	65	10	25	1.1	60	8-12	50X30X15
AGNA637-45-1	1588	45	34	27	1	60	5	50X30X15
AGNA637-65-1	1588	65	34	25	1.1	60	5	50X30X15
AGNA637-45-2	1588	45	34	25	1.1	60	8-12	50X30X15
AGNA637-65-2	1588	65	34	25	1.1	60	8-12	50X30X15

- The above amplifiers are available with different power supply options.
- We have more than 100 models of amplifiers and not all models are listed. Contact us if you need the detailed data sheets or if you have a specific requirement for an amplifier that is that in this selection guide.

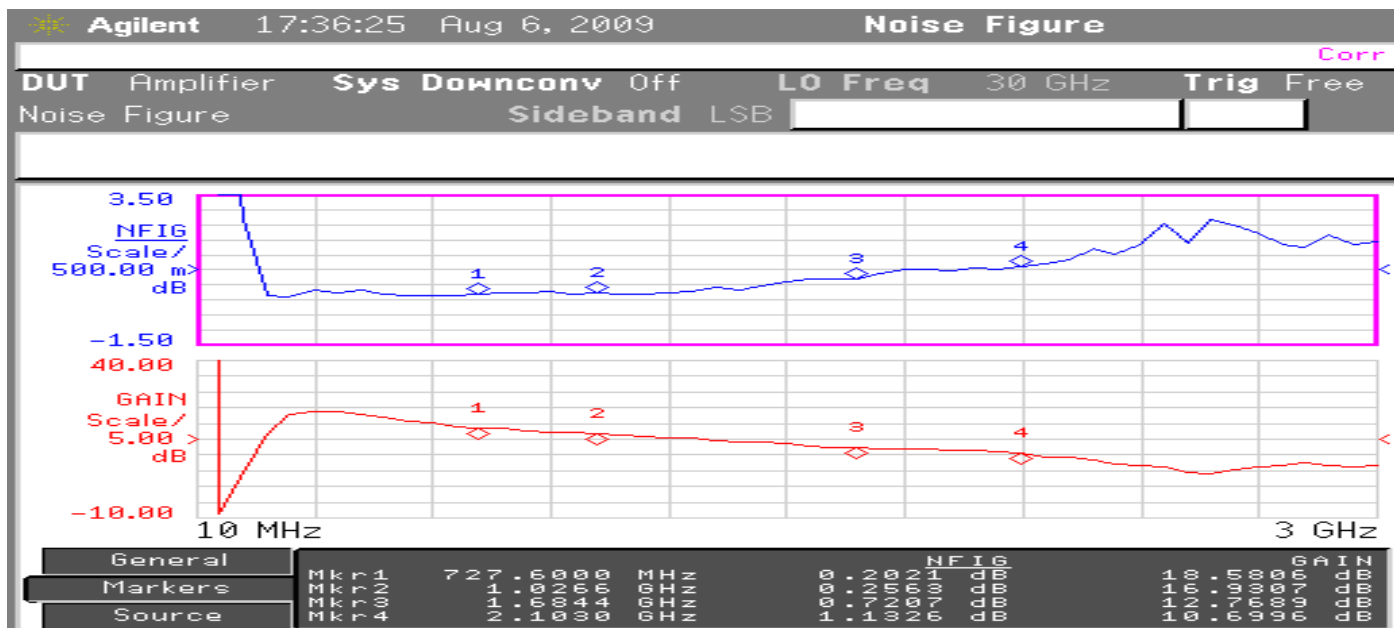


Wideband amplifier	
Frequency	1-18 GHz
Gain	12 dB (typical)
Gain flatness	3 dB (typical)
Noise Figure	4.5 dB (max)
P1dB	12 dBm (min)
IP3	23 dBm (typical)
VSWR	2:1 (typical)
Power supply	8-12 V





Ruggedised amplifier	
Frequency	750 - 2200 MHz
Gain	18 dB at 950 MHz (typical) 10 dB at 2000 MHz (typical)
Noise Figure	1.3 dB (max)
P1dB	16 dBm (min)
IP3	26 dBm (typical)
VSWR	2:1 (typical)
Power Supply	8-20V supplied though output connector
Others	IP65





16 GHz amplifier	
Frequency	12 – 16 GHz
Gain	30 dB (typical)
Gain Flatness	2 dB (max)
Noise Figure	3 dB (max)
P1dB	12 dBm (min)
IP3	22 dBm (typical)
VSWR	2:1 (typical)
Power Supply	8-12 V

