



Low Noise Amplifier



P/N	Freq. Range (GHz)	Gain (dB) Min.	Noise Figure (dB)	Pout @1dB (dBm) Min.	Flatness (dB) Max.	VSWR Max.	Power Supply +5V/(mA) Typ.	Case
AEMLA-0406-2015	0.4-0.6	20	0.7	15	±0.5	1.5	60	EAS-1/EAS-3
AEMLA-2227-3010	2.2-2.7	30	0.5	10	±0.5	1.5	120	EAS-2/EAS-3
AEMLA-3442-2410	3.4-4.2	24	1.0	10	±0.5	1.5	80	EAS-1/EAS-2
AEMLA-6070-2009	6-7	20	0.8	9	±0.5	1.5	80	EAS-1/EAS-3
AEMLA-6777-2510	6.7-7.7	25	0.9	10	±0.5	1.5	100	EAS-1/EAS-3
AEMLA-8596-3002	8.5-9.6	30	1.0	2	±0.5	1.5	40	EAS-2/EAS-5
AEMLA-90100-2009	9-10	20	1.2	9	±0.5	1.5	80	EAS-2/EAS-5
AEMLA-107127-2810	10.7-12.7	28	1.3	10	±1.0	1.8	120	EAS-3/EAH-3
AEMLA-142154-3010	14.2-15.4	30	1.6	15	±1.0	1.8	160	EAS-3/EAH-3
AEMLA-177212-3010	17.7-21.2	30	2.5	20	±1.0	1.8	160	EAS-3/EAH-3
AEMLA-2226-2210	22-26	22	2.7	23	±1.0	1.8	120	EAS-3/EAH-3

Notes:

1. Operating Temperature: -40 °C to +70 °C, Storage Temperature: -55 °C to +85 °C.
2. Customization is available.
3. Specification may change without notice.



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0.5GHz to 8GHz

P/N	Freq. Range (GHz)	Gain (dB)	Noise Figure (dB)	Pout @1dB (dBm)	Flatness (dB)	VSWR	Power Supply +12V/(mA)	Case
		Min./Max.	Max.	Min.	Max.	Max.	Typ.	
AEMLA-0510-3210	0.5-1.0	29/35	3.0	10	±1.0	2.0	200	EAH-2/EAI-2
AEMLA-0510-3214	0.5-1.0	29/35	3.0	14	±1.0	2.0	200	EAH-2/EAI-2
AEMLA-0520-3210	0.5-2.0	29/35	3.0	10	±1.4	2.0	200	EAH-2/EAI-2
AEMLA-0520-3214	0.5-2.0	29/35	3.0	14	±1.4	2.0	200	EAH-2/EAI-2
AEMLA-1020-3214	1-2	29/35	3.0	14	±1.4	2.0	200	EAH-2/EAI-2
AEMLA-1020-3220	1-2	29/35	3.0	20	±1.3	2.0	150	EAH-2/EAI-2
AEMLA-2040-3510	2-4	32/39	3.5	10	±1.5	2.0	200	EAH-2/EAI-2
AEMLA-2040-2113	2-4	19/24	3.0	13	±1.0	2.0	150	EAH-2/EAI-2
AEMLA-2040-4215	2-4	38/46	3.5	15	±1.5	2.0	300	EAH-3/EAI-3
AEMLA-2040-3520	2-4	31/39	4.0	20	±1.5	2.0	300	EAH-3/EAI-3
AEMLA-2040-3523	2-4	31/39	4.0	23	±1.5	2.0	300	EAH-3/EAI-3
AEMLA-2080-3910	2-8	34/45	3.5	10	±1.8	2.0	300	EAH-4/EAI-4
AEMLA-2080-2113	2-8	18/24	3.5	13	±1.5	2.0	250	EAH-2/EAI-2
AEMLA-2080-4215	2-8	38/46	3.5	15	±2.0	2.0	350	EAH-3/EAI-3
AEMLA-2080-3520	2-8	32/39	4.0	20	±2.0	2.0	400	EAH-3/EAI-3
AEMLA-2080-3523	2-8	32/39	4.0	23	±2.0	2.0	400	EAH-3/EAI-3
AEMLA-4080-3510	4-8	32/39	3.5	10	±1.5	2.0	250	EAH-3/EAI-3
AEMLA-4080-3515	4-8	32/39	3.0	15	±1.5	2.0	300	EAH-3/EAI-3
AEMLA-4080-3520	4-8	32/39	3.5	20	±1.8	2.0	400	EAH-3/EAI-3
AEMLA-4080-3523	4-8	32/39	3.5	23	±1.8	2.0	400	EAH-3/EAI-3

Notes:

1. Operating Temperature: -55 °C to +85 °C, Storage Temperature: -60 °C to +90 °C.
2. Customization is available.
3. Specification may change without notice.



1GHz to 40GHz

P/N	Freq. Range (GHz)	Gain (dB)	Noise Figure (dB)	Pout @1dB (dBm)	Flatness (dB)	VSWR	Power Supply +12V/(mA)	Case
		Min./Max.	Max.	Min.	Max.	Max.	Typ.	
AEMLA-10180-3209	1-18	28/36	4.5	9	±2.2	2.0	250	EAH-4/EAI-2
AEMLA-10180-3214	1-18	28/36	5.0	14	±2.2	2.2	300	EAH-4/EAI-2
AEMLA-10180-2420	1-18	21/28	5.5	20	±2.0	2.0	280	EAH-4/EAI-2
AEMLA-10180-3220	1-18	28/36	5.0	20	±2.0	2.0	380	EAH-4/EAI-2
AEMLA-10180-4020	1-18	35/45	5.5	20	±2.5	2.2	500	EAI-4
AEMLA-20180-3209	2-18	28/36	3.5	9	±2.5	2.2	250	EAH-4/EAI-2
AEMLA-20180-3214	2-18	28/36	5.0	14	±2.2	2.0	300	EAH-4/EAI-2
AEMLA-20180-2420	2-18	21/28	5.5	20	±2.0	2.2	280	EAI-3/EAI-4
AEMLA-20180-3220	2-18	28/36	5.0	20	±2.0	2.0	380	EAH-4/EAI-2
AEMLA-20180-4020	2-18	35/45	5.5	20	±2.5	2.0	500	EAI-4
AEMLA-60180-3510	6-18	31/39	3.5	10	±1.8	2.0	350	EAH-3/EAI-3
AEMLA-60180-4215	6-18	38/46	3.5	15	±2.0	2.0	380	EAH-3/EAI-3
AEMLA-60180-3520	6-18	31/39	4.2	20	±1.8	2.0	420	EAH-3/EAI-3
AEMLA-60180-4220	6-18	38/46	4.5	20	±2.2	2.0	400	EAI-3/EAI-4
AEMLA-80120-3510	8-12	32/38	3.5	10	±1.4	2.0	300	EAI-3/EAI-4
AEMLA-80120-4215	8-12	39/46	3.5	15	±1.4	2.0	350	EAI-3/EAI-4
AEMLA-80120-3520	8-12	32/38	4.0	20	±1.5	2.0	450	EAI-3/EAI-4
AEMLA-80120-4220	8-12	39/46	4.0	20	±1.8	2.0	450	EAI-3/EAI-4
AEMLA-80180-3510	8-18	32/39	3.5	10	±1.8	2.0	350	EAI-3/EAI-4
AEMLA-80180-4215	8-18	39/46	3.5	15	±2.0	2.0	380	EAI-3/EAI-4
AEMLA-80180-3520	8-18	32/39	4.0	20	±1.8	2.0	380	EAI-3/EAI-4
AEMLA-80180-4220	8-18	39/46	4.5	20	±2.0	2.0	400	EAI-3/EAI-4
AEMLA-180400-3015	18-40	30 typ.	6.0	15	±4.0	3.0	+5V/450mA	40 x 20 x 20

Notes:

1. Operating Temperature: -55 °C to +85 °C, Storage Temperature: -60 °C to +90 °C.
2. Customization is available.
3. Specification may change without notice.

