Ampli faible Bruit

Ampli moyenne puissance

Agile Mw propose une gamme d'amplificateurs faible bruit et moyenne puissance DC-18GHz.
Ci-dessous un extrait du catalogue Agile.

N'hésitez pas à nous contacter pour que nous puissions vous proposer l'amplificateur correspondant à vos attentes.

Egalement disponibles chez nos autres fournisseurs :

LOW NOISE

Part Number	Frequency Range (GHz)	Gain (dB)	Gain Flatness (± dB)	Noise Figure (dB)	P1dB (Psat) (dBm)	OIP3 (dBm)	VSWR In/Out	Voltage/ Current V / mA	Package Style
AMT-A0091	0.01 - 6	43	1.5	1.2	20	30	2.0:1/1.8:1	+12 / 190	SMA
AMT-A0037	0.1 - 0.2	19	0.25	1.5	22	32	1.5:1	+5 / 110	Flat Pack
AMT-A0024	0.1 – 4	34	1.5	1.1	8	18	2.0:1/1.5:1	+8 / 60	SMA
AMT-A0032	0.1 – 4	34	1.5	1.1	8	18	2.0:1/1.5:1	+5 / 57	SMA
AMT-A001	0.3 - 2	15	0.15	2	18	36	1.8:1	+5 / 60	Flat Pack
AMT-A0011	0.3 - 1.4	15	0.15	2	18	36	1.8:1	+5 / 60	Flat Pack
AMT-A002	0.5 - 2	28	0.2	2	18	34	1.8:1	+5 / 90	Flat Pack
AMT-A0012	0.5 - 1.4	28	0.1	2	18	34	1.8:1	+5 / 90	Flat Pack
AMT-A0015	0.5 - 8	33	1.5	1.4	9	20	2.0:1/1.8:1	+12 / 105	SMA
AMT-A0025	0.7 - 1.1	44	1.5	0.5	21	31	1.8:1/1.8:1	+8 / 135	SMA
AMT-A0029	1 - 6	28	0.7	1.2	10	20	1.8:1/1.5:1	+8 / 57	SMA
AMT-A0149	2.0 - 2.2	52	0.7	0.6	24	40	1.6:1/1.6:1	+8 / 235	SMA
AMT-A0028	2 - 6	28	1.5	1.2	8	18	2.0:1/1.5:1	+8 / 60	SMA
AMT-A0019	2 - 8	25	1.5	0.8	5	15	2.2:1/1.8:1	+12 / 100	SMA
AMT-A0033	2 - 8	28	1.5	1.2	8	18	2.2:1/1.5:1	+8 / 60	SMA
AMT-A0067	4 - 12	40	1.5	1.2	10	20	2.0:1/1.8:1	+8 / 90	SMA
AMT-A0068	7 - 9	12	1	1	12	20	2.0:1/1.8:1	+12 /40	SMA

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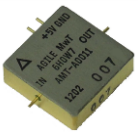
AMT-A0065	7 - 9	34	1	1.1	13	20	2.0:1/1.8:1	+12 /100	SMA
AMT-A0111	7 - 12	40	1.5	1.2	12	20	2.0:1/1.8:1	+12 / 90	SMA
AMT-A0061	8 - 10	25	1.5	1.2	10	20	2.0:1/1.8:1	+8 / 60	SMA
AMT-A0058	8 - 10	35	1.5	0.9	10	20	2.0:1/1.8:1	+8 / 80	SMA
AMT-A0112	11 - 18	40	1.5	1.4	14	24	2.0:1/1.8:1	+12 / 105	SMA
AMT-A0116	12.7-13.2	19	0.3	1.2	8	18	1.8:1/1.5:1	+12 / 38	SMA
AMT-A0075	13 - 18	30	2	1.5	10	20	2.0:1/1.8:1	+8 / 85	SMA

MEDIUM POWER

Part Number	Frequency Range (GHz)	Gain (dB)	Gain Flatness (± dB)	Noise Figure (dB)	P1dB (Psat) (dBm)	OIP3 (dBm)	VSWR In/Out	Voltage/ Current V / mA	Package Style
AMT-A0091	0.01 - 6	43	1.5	1.2	+20	30	2.0:1/1.8:1	+12 / 190	SMA
AMT-A0037	0.1 - 0.2	19	0.25	1.5	+22	32	1.5:1	+5 / 110	Flat Pack
AMT-A0039	2 - 4	24	2	4	+23	34	1.8:1/2.0:1	+12 / 300	SMA
AMT-A0052	2.6 - 2.8	33	0.5	6	+30	38	1.8:1/2.0:1	+12 / 450	SMA
AMT-A0076	6 - 18	32	2	5	+29	38	1.8:1/2.2:1	+6 / 700	SMA
AMT-A0183	6 - 20	26	1	4.5	+20	27	1.8:1/1.8:1	+12 / 220	SMA
AMT-A0162	14 - 18	26	0.6	4.5	+20	27	1.8:1/1.8:1	+12 / 220	SMA

HIGH POWER

Part Number	Frequency Range (GHz)	Gain (dB)	Gain Flatness (± dB)	P1dB (Psat) (dBm)	OIP3 (dBm)	NF (dB)	VSWR In/Out	Voltage/ Current V / A	Package Style
AMT-A0117	0.1 - 1.5	36	1.2	+34(+37)	50	2.8	1.5:1/2.0:1	+15/1.2	SMA
AMT-A0161	0.5 - 2	45	1	+34	43	4	1.5:1/2.0:1	+15/1 -6/0.01	SMA
AMT-A0168	0.9 - 1	36	1.2	+34(+37)	50	1	1.5:1/2.0:1	+15/1.2	SMA
AMT-A0041	1 - 2	46	2	+34	42	4	1.5:1/2.0:1	+15/1 -6/0.01	SMA
AMT-A0042	1.93 - 1.99	10	0.5	(+40)	47	8	2.0:1/2.2:1	+28V/1.3	SMA
AMT-A0046	2 - 6	45	3	(+43)	48	10	1.8:1/2.2:1	+40 / 2.5	SMA



Part Number	Frequency Range (GHz)	Gain (dB)	Gain Flatness (± dB)	P1dB (Psat) (dBm)	OIP3 (dBm)	NF (dB)	VSWR In/Out	Voltage/ Current V / A	Package Style
AMT-A0087	2 - 18	35	3	+31(+33)	39	5	1.5:1/2.0:1	+15/0.85 -5/0.01	SMA
AMT-A0030	2 - 18	33	3.5	(+39)	47	8	1.4:1/2.3:1	+28 / 1.3	SMA
AMT-A0089	14 - 18	30	2	+34(+37)	43	5	1.5:1/2.0:1	+9/1.2 -5/0.01	SMA

PROTECTION LIMITER WITH LNA

Part Number	Frequency Range (GHz)	Gain (dB)	CW Power Protection (W / dBm)	Noise Figure (dB)	P1dB (Psat) (dBm)	OIP3 (dBm)	VSWR In/Out	Voltage/ Current V / mA	Package Style
AMT-A0036	1.5 - 6.0	32	1 / +30	1.3	15	25	2.0:1/1.8:1	+12 / 120	SMA
AMT-A0063	5.4 - 5.9	32	1 / +30	0.8	10	20	1.5:1/1.6:1	+8 / 80	SMA
AMT-A0060	6 - 18	25	5 / +37	2.2	12	20	2.0:1/2.0:1	+8 / 70	SMA
AMT-A0062	7 - 11	22	5 / +37	1.8	10	20	2.0:1/1.5:1	+8 / 36	SMA
AMT-A0069	8 - 11	25	1 / +30	1.5	10	20	1.8:1/1.8:1	+12 / 70	SMA
AMT-A0056	9.5 - 9.7	25	1 / +30	1.5	10	20	1.4:1/1.5:1	+ 12 / 70	SMA
AMT-A0071	13 - 18	29	1 / +30	1.8	5	15	2.0:1/1.8:1	+8 / 85	SMA
AMT-A0051	17 - 17.5	29	1 / +30	1.8	5	15	1.6:1/1.4:1	+8 / 85	SMA

VARIABLE GAIN

Part Number	Frequency Range (GHz)	Gain (dB)	Gain Flatness (± dB)	Gain Range (dB)	P1dB (Psat) (dBm)	OIP3 (dBm)	VSWR In/Out	Voltage/ Current V / mA	Package Style
AMT-A0072	16 - 18	24	2	-5 to +25	+28	38	2.0:1/1.6:1	+8 / 500	SMA
AMT-A0055	17 - 17.5	25	1.5	-5 to +25	+28	38	1.4:1/1.8:1	+8 / 500	SMA
AMT-A0073	17 - 18	38	2	+8 to +38	+28	38	2.0:1/1.6:1	+8 / 550	SMA

MRI SMT Amplifiers

Part Number	Frequency Range (MHz)	Gain (dB)	Gain Flatness (± dB)	Noise Figure (dB)	P1dB (Psat) (dBm)	OIP3 (dBm)	VSWR In/Out	Voltage/ Current V / mA	Package Style
AMT-AN0064	40 - 50 (1.0T)	30	0.5	0.3	+3	15	2 Ohms/1.5:1	+8 / 19	SMT
AMT-AN0145	60 - 70 (1.5T)	29	0.5	0.3	+3	15	2 Ohms/1.5:1	+8 / 19	SMT