

Low-Noise Amplifiers – Broadband 0.2 GHz to 20.0 GHz (continued)

Low-Noise Amplifiers – Broadband, 0.2 GHz to 20 GHz (continued)

AL Series Model Number	Frequency Response (GHz)	Gain (dB)	Gain Flatness (±dB)	Noise Figure (dB)	P1dB (+dBm)	VSWR In/Out	Volts (DC)	DC Current (mA)	Case
	Min	Min	Max	Max	Min	Max	Typ	Typ	
ALM/060-2511	2-6	11	0.75	2.5	8	2:1	12-15	50	HC2
ALM/060-2522	2-6	22	1.00	2.5	12	2:1	12-15	80	HC2
ALM/060-2533	2-6	33	1.20	2.5	12	2:1	12-15	120	HC4
ALM/060-3014	2-6	14	0.75	3.0	8	2:1	12-15	50	HC2
ALM/060-3028	2-6	28	1.25	3.0	12	2:1	12-15	120	HC2
ALM/060-3042	2-6	42	1.50	3.0	12	2:1	12-15	200	HC4
ALM/060-6011	2-6	11	0.75	6.0	20	2:1	12-15	120	HC2
ALM/060-4025	2-6	26	1.25	4.0	20	2:1	12-15	200	HC2
ALM/060-4040	2-6	40	1.50	4.0	20	2:1	12-15	280	HC4
ALX/080-3011	.5-8	11	1.00	3.0	8	2:1	12-15	50	HC2
ALX/080-3020	.5-8	20	1.25	3.0	12	2:1	12-15	80	HC2
ALX/080-3030	.5-8	30	1.50	3.0	12	2:1	12-15	120	HC2
ALX/080-3040	.5-8	40	1.50	3.0	12	2:1	12-15	200	HC4
ALX/080-6012	.5-8	12	1.00	6.0	20	2:1	12-15	120	HC2
ALX/080-4526	.5-8	26	1.25	4.5	20	2:1	12-15	200	HC2
ALX/080-4540	.5-8	40	1.50	4.5	20	2:1	12-15	260	HC4
ALM/080-2514	2-8	14	0.75	2.5	7	2:1	12-15	50	HC2
ALM/080-2528	2-8	28	1.25	2.5	12	2:1	12-15	120	HC2
ALM/080-2542	2-8	42	1.50	2.5	12	2:1	12-15	180	HC4
ALM/080-3012	2-8	12	0.75	3.0	8	2:1	12-15	50	HC2
ALM/080-3020	2-8	20	1.25	3.0	12	2:1	12-15	80	HC2
ALM/080-3030	2-8	30	1.50	3.0	12	2:1	12-15	120	HC2
ALM/080-3040	2-8	40	1.50	3.0	12	2:1	12-15	180	HC4
ALM/080-6012	2-8	12	0.75	6.0	20	2:1	12-15	120	HC2
ALM/080-4026	2-8	26	1.25	4.0	20	2:1	12-15	200	HC2
ALM/080-4040	2-8	40	1.50	4.0	20	2:1	12-15	280	HC4
ALO/080-1518	4-8	18	1.00	1.5	6	2:1	12-15	80	HC2
ALO/080-1526	4-8	26	1.00	1.5	8	2:1	12-15	120	HC2
ALO/080-1534	4-8	34	1.00	1.5	10	2:1	12-15	180	HC4
ALO/080-2212	4-8	12	1.00	2.2	10	2:1	12-15	50	HC2
ALO/080-2222	4-8	22	1.00	2.2	15	2:1	12-15	120	HC2
ALO/080-2233	4-8	33	1.25	6.0	15	2:1	12-15	200	HC4
ALO/080-6010	4-8	10	1.00	6.0	20	2:1	12-15	130	HC2
ALO/080-3522	4-8	22	1.00	3.5	20	2:1	12-15	180	HC2
ALO/080-3534	4-8	34	1.25	3.5	20	2:1	12-15	260	HC4
ALO/080-3546	4-8	46	1.50	3.5	20	2:1	12-15	340	HC4
ALM/120-3509	4-12	9	1.00	3.5	5	2:1	12-15	50	HX2
ALM/120-3520	4-12	20	1.25	3.5	10	2:1	12-15	120	HX2
ALM/120-3530	4-12	30	1.50	3.5	10	2:1	12-15	180	HX4
ALM/120-3540	4-12	40	1.50	3.5	10	2:1	12-15	260	HX4
ALM/120-5018	4-12	18	1.00	5.0	20	2:1	12-15	200	HX2
ALM/120-5028	4-12	28	1.50	5.0	20	2:1	12-15	260	HX4
ALM/120-5038	4-12	38	1.50	5.0	20	2:1	12-15	340	HX4
ALW/124-1511	8-12.4	11	0.75	1.5	8	2:1	12-15	40	HX2
ALW/124-1522	8-12.4	22	1.00	1.5	15	2:1	12-15	120	HX2
ALW/124-1533	8-12.4	33	1.25	1.5	15	2:1	12-15	180	HX4
ALW/124-1544	8-12.4	44	1.50	1.5	15	2:1	12-15	240	HX4
ALW/124-2510	8-12.4	10	0.75	2.5	10	2:1	12-15	50	HX2
ALW/124-2520	8-12.4	20	1.00	2.5	15	2:1	12-15	120	HX2
ALW/124-2530	8-12.4	30	1.25	2.5	15	2:1	12-15	180	HX4
ALW/124-6009	8-12.4	9	1.00	6.0	20	2:1	12-15	100	HX2
ALW/124-5020	8-12.4	20	1.00	5.0	20	2:1	12-15	200	HX2
ALW/124-4530	8-12.4	30	1.25	4.5	20	2:1	12-15	280	HX4

New Products