

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/150-3510	5.5-15	10	1.25	3.5	8	2:1	12-15	60	HX2
ALM/150-3520	5.5-15	20	1.25	3.5	10	2:1	12-15	120	HX2
ALM/150-3530	5.5-15	30	1.50	3.5	10	2:1	12-15	170	HX4
ALM/150-3540	5.5-15	40	1.50	3.5	10	2:1	12-15	250	HX4
ALM/150-5520	5.5-15	20	1.25	5.5	18	2:1	12-15	200	HX2
ALM/150-5530	5.5-15	30	1.50	5.5	18	2:1	12-15	280	HX4
ALM/150-5540	5.5-15	40	1.50	5.5	18	2:1	12-15	360	HX4
ALX/00518-3515	.5-18	15	2.00	3.5	6	2.2	12-15	80	HX2
ALX/00518-3522	.5-18	22	2.00	3.5	8	2.2	12-15	140	HX2
ALX/00518-3530	.5-18	30	2.00	3.5	10	2.2	12-15	200	HX2
ALX/00518-4013	.5-18	13	1.50	4.0	5	2.2	12-15	60	HX2
ALX/00518-4020	.5-18	20	2.00	4.0	8	2.2	12-15	140	HX2
ALX/00518-4026	.5-18	26	2.00	4.0	8	2.2	12-15	200	HX2
ALX/00518-4033	.5-18	33	2.25	4.0	8	2.2	12-15	260	HX2
ALX/00518-6010	.5-18	10	1.50	6.0	8	2.2	12-15	90	HX2
ALX/00518-5520	.5-18	20	2.00	5.5	8	2.2	12-15	160	HX2
ALX/00518-5530	.5-18	30	2.25	5.5	10	2.2	12-15	250	HX2
ALX/00518-5536	.5-18	36	2.50	5.5	10	2.2	12-15	280	HX4
ALX/0218-3513	2-18	13	1.50	3.5	5	2.2	12-15	60	HX2
ALX/0218-3520	2-18	20	2.00	3.5	8	2.2	12-15	140	HX2
ALX/0218-3526	2-18	26	2.00	3.5	8	2.2	12-15	200	HX2
ALX/0218-3533	2-18	33	2.25	3.5	8	2.2	12-15	260	HX2
ALX/0218-4020	2-18	20	2.00	4.0	8	2.2	12-15	160	HX2
ALX/0218-4030	2-18	30	2.50	4.0	8	2.2	12-15	250	HX2
ALX/0218-6016	2-18	16	1.25	6.0	12	2.2	12-15	200	HX2
ALX/0218-6021	2-18	21	1.25	6.0	12	2.2	12-15	270	HX2
ALX/0218-6026	2-18	26	1.25	6.0	12	2.2	12-15	330	HX4
ALX/0218-7015	2-18	15	2.00	7.0	20	2.2	12-15	480	HX4
ALX/0218-7022	2-18	22	2.50	7.0	20	2.2	12-15	560	HX4
ALX/0218-7028	2-18	28	2.50	7.0	20	2.2	12-15	640	HX6
ALM/180-3008	6-18	8	1.00	3.0	10	2:1	12-15	50	HX2
ALM/180-3018	6-18	18	1.00	3.0	10	2:1	12-15	120	HX2
ALM/180-3030	6-18	30	1.50	3.0	15	2:1	12-15	220	HX4
ALM/180-3508	6-18	8	1.00	3.5	8	2:1	12-15	50	HX2
ALM/180-3520	6-18	20	1.00	3.5	15	2:1	12-15	150	HX2
ALM/180-3530	6-18	30	1.50	3.5	15	2:1	12-15	220	HX4
ALM/180-3540	6-18	40	1.50	3.5	15	2:1	12-15	300	HX4
ALM/180-5015	6-18	15	1.25	5.0	20	2:1	12-15	200	HX2
ALM/180-5021	6-18	21	1.25	5.0	20	2:1	12-15	260	HX4
ALM/180-5032	6-18	32	1.50	5.0	20	2:1	12-15	420	HX4
ALM/180-5040	6-18	40	1.50	5.0	20	2:1	12-15	500	HX6
ALO/180-3008	8-18	8	1.00	3.0	8	2:1	12-15	50	HX2
ALO/180-3018	8-18	18	1.00	3.0	10	2:1	12-15	120	HX2
ALO/180-3030	8-18	30	1.50	3.0	15	2:1	12-15	220	HX4
ALO/180-3520	8-18	20	1.00	3.5	15	2:1	12-15	150	HX2
ALO/180-3530	8-18	30	1.50	3.5	15	2:1	12-15	220	HX4
ALO/180-6016	8-18	16	1.25	6.0	20	2:1	12-15	200	HX2
ALO/180-4522	8-18	22	1.25	4.5	20	2:1	12-15	260	HX4
ALO/180-4532	8-18	32	1.50	4.5	20	2:1	12-15	420	HX4
ALO/180-4544	8-18	44	1.50	4.5	20	2:1	12-15	510	HX4
ALX/0220-4510	2-20	10	2.00	4.5	8	2.5:1	12-15	80	HX2
ALX/0220-4520	2-20	20	2.00	4.5	8	2.5:1	12-15	140	HX2
ALX/0220-4530	2-20	30	2.50	4.5	10	2.5:1	12-15	200	HX4
ALX/0220-7514	2-20	14	1.50	7.5	20	2.2	12-15	400	HX2
ALX/0220-7520	2-20	20	1.50	7.5	20	2.2	12-15	480	HX4

New Products