

Low-Noise Amplifiers – Broadband 17.0 GHz to 40.0 GHz (Ka-Band)

Low-Noise Amplifiers – Broadband, 17 GHz to 40 GHz

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	
ALW/210-2817	17-21	17	1.00	2.8	12	2:1	12	150	SP
ALW/210-2824	17-21	24	1.00	2.8	12	2:1	12	220	SP
ALW/265-2830	17-21	30	1.50	2.8	12	2:1	12	350	SP
ALW/265-3511	18-26.5	11	1.00	3.5	12	2:1	12	130	GK2
ALW/265-3517	18-26.5	17	1.25	3.5	12	2:1	12	180	GK4
ALW/265-3522	18-26.5	22	1.50	3.5	12	2:1	12	260	GK4
ALW/265-3530	18-26.5	30	2.00	3.5	12	2:1	12	350	GK6
APW/265-2017	18-26.5	17	2.50	4.5	20	2:1	12	420	GK4
APW/265-2024	18-26.5	24	2.50	4.5	20	2:1	12	480	GK6
APW/265-2030	18-26.5	30	2.50	4.5	20	2:1	12	540	GK6
ALW/270-2817	21-27	17	1.00	2.8	12	2:1	12	150	SP
ALW/270-2824	21-27	24	1.00	2.8	12	2:1	12	220	SP
ALW/270-2830	21-27	30	1.50	2.8	12	2:1	12	350	SP
ALN/300-3525	27-30	25	1.00	3.5	10	1.8	12-15	200	GK4
ALN/300-3530	27-30	30	1.00	3.5	10	1.8	12-15	270	GK5
ALN/350-3525	32-35	25	1.00	3.5	10	1.8	12-15	200	GK4
ALN/350-3530	32-35	30	1.00	3.5	10	1.8	12-15	270	GK5
ALN/360-3525	34-36	25	1.00	3.5	10	1.8	12-15	200	GK4
ALN/360-3530	34-36	30	1.00	3.5	10	1.8	12-15	270	GK5
ALN/380-3525	36-38	25	1.00	3.5	10	1.8	12-15	200	GK4
ALN/380-3530	36-38	30	1.00	3.5	10	1.8	12-15	270	GK5
ALO/400-5515	18-40	15	1.25	5.5	6	2.5:1	12	210	GK4
ALO/400-5520	18-40	20	2.00	5.5	6	2.5:1	12	280	GK4
ALO/400-5524	18-40	24	2.25	5.5	6	2.5:1	12	350	GK6
ALO/400-5528	18-40	28	2.50	5.5	6	2.5:1	12	420	GK6
ALO/400-6010	18-40	10	1.50	6.0	12	2.5:1	12	180	GK2
ALO/400-6017	18-40	17	1.50	6.0	12	2.5:1	12	280	GK4
ALO/400-6023	18-40	23	2.00	6.0	12	2.5:1	12	350	GK6
ALO/400-6029	18-40	29	2.50	6.0	12	2.5:1	12	410	GK6
ALO/400-6035	18-40	35	3.00	6.0	12	2.5:1	12	470	GK8
ALW/400-5515	26.5-40	15	1.25	5.5	6	2.5:1	12	210	GK4
ALW/400-5520	26.5-40	20	2.00	5.5	6	2.5:1	12	280	GK4
ALW/400-5524	26.5-40	24	2.25	5.5	6	2.5:1	12	350	GK6
ALW/400-5528	26.5-40	28	2.50	5.5	6	2.5:1	12	420	GK6
ALW/400-6010	26.5-40	10	1.50	6.0	12	2.5:1	12	180	GK2
ALW/400-6017	26.5-40	17	1.50	6.0	12	2.5:1	12	280	GK4
ALW/400-6023	26.5-40	23	2.00	6.0	12	2.5:1	12	350	GK6
ALW/400-6029	26.5-40	29	2.50	6.0	12	2.5:1	12	410	GK6
ALW/400-6035	26.5-40	35	3.00	6.0	12	2.5:1	12	470	GK8
ASW/400-1814	26.5-40	14	1.50	6.5	18*	2.5:1	12	400	GK4
ASW/400-1818	26.5-40	18	2.00	6.5	18*	2.5:1	12	500	GK4
ASW/400-1824	26.5-40	24	2.50	6.5	18*	2.5:1	12	600	GK6
ALN/400-3525	38-40	25	1.00	3.5	10	1.8	12-15	200	GK4
ALN/400-3530	38-40	30	1.00	3.5	10	1.8	12-15	270	GK5

New Products