

## X BAND LOW PHASE NOISE AMPLIFIERS

AML P/N	Frequency (GHz)	Gain (dB) min	Flatness (+/-) dB max	100Hz offset	1KHz offset	10KHz offset	100KHz offset	1MHz offset	NF (dB) max	P1dB (dBm) min	VSWR (In/Out) nom	DC Current @ +15VDC (mA)
AML812PNA0901	8.0 - 12.0	10	0.75	-148	-153	-161	-162	-163	6	9	1.5:1	100
AML812PNB0801	8.0 - 12.0	9	0.75	-150.5	-155.5	-163.5	-164.5	-165.5	6.5	11	1.5:1	200
AML812PNC0801	8.0 - 12.0	8	0.75	-153	-158	-166	-167	-168	6.5	13	1.5:1	400
AML812PND0801	8.0 - 12.0	8	0.75	-155.5	-160.5	-168.5	-169.5	-170.5	6.5	15	1.5:1	800
AML812PNA2001	8.0 - 12.0	20	1.5	-146	-151.5	-159.5	-160.5	-161.5	6.5	9	1.5:1	200
AML812PNB1901	8.0 - 12.0	19	2	-148.5	-154	-162	-163	-164	7	11	1.5:1	400
AML812PNC1801	8.0 - 12.0	18	2	-151	-156.5	-164.5	-165.5	-166.5	7	13	1.5:1	800
AML812PND1801	8.0 - 12.0	18	2	-153.5	-159	-167	-168	-169	7	15	1.5:1	1600
AML812PNA1802	8.0 - 12.0	18	1.5	-138	-144.5	-153.5	-159	-160	6.5	16	1.5:1	180
AML812PNB1802	8.0 - 12.0	18	1.5	-140	-147	-156	-160.5	-161.5	7	18	1.8:1	260
AML812PNC1802	8.0 - 12.0	18	1.5	-142.5	-149.5	-158.5	-163	-164	7	20	1.8:1	520
AML812PNA0802	8.0 - 12.0	8	0.75	-138	-145	-154	-160	-161	6	20	1.8:1	80
AML812PNB0701	8.0 - 12.0	7	1	-140.5	-147.5	-156.5	-162.5	-163.5	6.5	22	1.8:1	160
AML812PNC0701	8.0 - 12.0	7	1	143	-150	-159	-165	-166	6	24	1.8:1	240
AML812PND0701	8.0 - 12.0	7	1	-145.5	-152.5	-161.5	-167.5	-168.5	6.5	26	1.8:1	320
AML812PNA0803	8.0 - 12.0	8	0.75	-141	-149	-154	-160	-163	7	25	1.8:1	160
AML812PNB0703	8.0 - 12.0	7	1	-143.5	-151.5	-156.5	-162.5	-165.5	7	27	1.8:1	320
AML812PNC0703	8.0 - 12.0	7	1	-146	-154	-159	-165	-168	7	29	1.8:1	640
AML812PND0703	8.0 - 12.0	7	1	-148.5	-156.5	-162.5	-167.5	-170.5	7	31	1.8:1	1280
AML812PNA1601	8.0 - 12.0	16	1	-139.5	-147.5	-152.5	-158.5	-161.5	7	25	1.8:1	320
AML812PNB1501	8.0 - 12.0	15	1	-142	-150	-155	-161	-164	7	27	1.8:1	650
AML812PNC1501	8.0 - 12.0	15	1	-144.5	-152.5	-157.5	-163.5	-166.5	7	29	1.8:1	1400
AML812PNA2401	8.0 - 12.0	24	1.5	-139.5	-147	-152.5	-158	-160.5	7	24	1.8:1	420
AML812PNB2401	8.0 - 12.0	24	2	-142	-149.5	-155	-160.5	-163	7	27	1.8:1	850
AML811PN3301	8.5 - 11.0	33	2	x	-145	-147.5	x	x	6	24	1.5:1	540
AML811PN4501	8.5 - 11.0	45	2.5	-140	-148	-154	-157	-158	6.0	25	1.4:1	775