

Low Noise Amplifier

ZHL-1724HLN+

Typical Performance Data

FREQ. (MHz)	GAIN (dB) 15V	DIRECTIVITY (dB) 15V	VSWR (:1)		NOISE FIGURE (dB) 15V	POUT @ 1 dB COMPRESSION (dBm) 15V	OUTPUT IP3 (dBm) 15V
			IN 15V	OUT 15V			
1500	34.60	51.78	1.80	1.05	1.08	25.85	36.17
1525	34.74	55.68	1.74	1.05	1.11	26.00	36.47
1550	34.97	57.94	1.66	1.05	1.12	26.10	36.54
1575	35.12	54.99	1.61	1.06	1.09	26.12	36.77
1600	35.36	54.43	1.54	1.07	1.07	26.23	36.91
1625	35.50	54.41	1.50	1.08	1.09	26.26	37.18
1650	35.71	52.13	1.45	1.11	1.09	26.29	37.27
1675	35.83	49.01	1.42	1.13	1.05	26.35	37.39
1700	35.99	51.99	1.39	1.16	1.08	26.41	37.48
1725	36.07	48.38	1.37	1.19	1.02	26.44	37.77
1750	36.17	50.14	1.35	1.23	1.09	26.48	37.75
1775	36.22	48.25	1.33	1.25	1.02	26.50	37.85
1800	36.26	45.24	1.32	1.29	1.12	26.60	38.18
1825	36.29	48.07	1.31	1.32	1.01	26.63	38.34
1850	36.30	46.87	1.29	1.36	1.08	26.71	38.57
1875	36.30	47.40	1.29	1.39	1.13	26.81	38.87
1900	36.30	45.92	1.27	1.43	1.08	26.80	38.76
1925	36.29	44.39	1.27	1.45	1.04	26.85	38.97
1950	36.29	44.73	1.26	1.48	1.08	26.95	39.12
1975	36.29	42.97	1.25	1.50	1.15	26.90	39.19
2000	36.27	45.02	1.24	1.52	1.12	27.02	39.42
2025	36.25	45.17	1.23	1.54	1.08	27.01	39.25
2050	36.21	46.87	1.22	1.56	1.11	27.10	39.28
2075	36.19	45.19	1.21	1.57	1.16	27.08	39.39
2100	36.13	43.80	1.20	1.58	1.24	27.13	39.35
2125	36.09	45.51	1.18	1.59	1.16	27.11	39.19
2150	36.03	48.41	1.16	1.59	1.23	27.14	39.06
2175	35.98	47.32	1.15	1.60	1.20	27.20	38.84
2200	35.91	48.46	1.13	1.59	1.22	27.16	39.03
2225	35.86	48.40	1.11	1.59	1.24	27.19	38.53
2250	35.79	48.96	1.09	1.58	1.19	27.27	38.50
2275	35.76	51.86	1.08	1.57	1.10	27.30	38.40
2300	35.70	53.65	1.07	1.56	1.19	27.34	38.62
2325	35.68	56.50	1.06	1.54	1.19	27.43	38.41
2350	35.65	50.89	1.06	1.52	1.20	27.48	38.46
2375	35.62	58.02	1.06	1.51	1.20	27.55	38.51
2400	35.59	59.49	1.07	1.49	1.29	27.66	38.54
2425	35.58	53.56	1.08	1.48	1.37	27.80	38.61
2450	35.58	52.25	1.09	1.47	1.33	27.86	38.59
2475	35.59	52.55	1.10	1.46	1.35	27.96	38.55
2500	35.58	53.57	1.11	1.46	1.37	27.94	38.68



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IF/RF MICROWAVE COMPONENTS

REV. OR

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7/22/2015

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