

High Power Amplifier

ZHL-100W-382A+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 28V	DIRECTIVITY (dB) 28V	VSWR (:1)		NOISE FIGURE (dB) 28V	POUT @ 1 dB COMPRESSION (dBm) 28V	POUT AT SATURATION (dBm) 28V	OUTPUT IP3 (dBm) 28V
			IN 28V	OUT 28V				
3000	47.85	41.34	1.10	1.89	9.40	51.46	52.08	58.53
3025	47.77	41.26	1.13	1.86	8.99	51.94	51.91	57.56
3050	47.95	53.15	1.14	1.77	8.46	52.09	52.18	57.58
3075	47.85	43.34	1.14	1.64	9.02	52.16	52.53	57.82
3100	47.83	46.23	1.13	1.53	8.23	52.21	52.73	58.06
3125	48.04	48.24	1.13	1.45	8.64	52.33	52.76	58.30
3150	48.02	54.27	1.14	1.39	8.55	52.32	53.04	58.75
3175	47.98	43.29	1.15	1.34	8.46	52.47	53.05	59.48
3200	48.05	62.39	1.15	1.31	8.41	52.25	53.12	59.85
3225	48.02	43.13	1.15	1.29	8.39	52.05	53.05	59.48
3250	48.00	42.61	1.15	1.28	8.20	51.97	53.22	58.99
3275	47.96	41.82	1.15	1.24	8.37	51.22	53.16	58.78
3300	47.93	41.09	1.15	1.19	8.58	51.05	53.19	58.32
3325	47.85	45.73	1.13	1.16	7.97	51.16	53.06	58.08
3350	47.88	45.95	1.09	1.18	8.25	51.04	53.19	57.83
3375	47.80	38.44	1.06	1.19	8.22	50.99	53.05	57.74
3400	47.74	54.03	1.05	1.17	7.92	51.05	53.06	57.75
3425	47.57	47.34	1.05	1.13	8.22	50.83	52.94	57.70
3450	47.40	37.19	1.06	1.13	8.45	50.64	53.00	57.88
3475	47.32	46.25	1.06	1.14	7.97	50.67	52.89	58.15
3500	47.24	42.36	1.05	1.12	8.41	50.45	52.87	58.21
3525	47.17	48.96	1.04	1.10	7.72	50.51	52.78	58.17
3550	47.29	45.98	1.04	1.10	7.97	50.20	52.75	58.15
3575	47.49	43.05	1.04	1.12	8.23	50.48	52.66	57.94
3600	47.48	38.77	1.04	1.14	7.71	50.39	52.56	58.08
3625	47.52	44.83	1.04	1.15	7.88	50.39	52.53	57.93
3650	47.56	51.52	1.03	1.16	7.76	50.40	52.44	58.15
3675	47.42	38.20	1.01	1.18	8.42	50.50	52.26	58.32
3700	47.22	40.56	1.01	1.23	7.76	50.35	52.13	58.74
3725	47.11	44.49	1.02	1.27	7.87	50.45	52.07	59.27
3750	47.09	49.64	1.03	1.28	7.98	50.39	51.85	59.63
3775	47.16	43.75	1.02	1.28	7.67	50.06	51.56	60.95
3800	47.18	42.45	1.03	1.28	7.92	49.65	51.38	61.76
3825	47.41	43.45	1.04	1.26	8.07	49.46	51.20	63.95
3850	47.47	45.22	1.04	1.27	7.79	48.97	50.82	67.53
3875	47.50	45.67	1.05	1.28	8.08	48.44	50.38	65.19
3900	47.63	42.83	1.05	1.24	7.69	47.82	49.98	61.51



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

REV. OR
 ZHL-100W-382A+
 3/8/2018
 Page 1 of 1