

Coaxial

# Wideband Microwave Amplifier ZX60-183A-S+

## Typical Performance Data

Frequency (MHz)	Gain (dB) 5V	Directivity (dB) 5V	VSWR IN (:1) 5V	VSWR OUT (:1) 5V	Noise Figure (dB) 5V	Pout @ 1dB Compression (dBm) 5V	Output IP3 (dBm) 5V
6000	29.77	41.33	1.62	1.56	5.22	16.57	32.83
6200	30.11	40.55	1.51	1.42	4.92	16.79	32.89
6400	30.34	39.41	1.43	1.30	4.79	17.04	32.12
6600	30.45	38.55	1.38	1.21	4.72	17.58	31.26
6800	30.49	38.10	1.36	1.16	4.66	17.48	31.03
7000	30.46	37.83	1.37	1.16	4.63	16.99	31.06
7200	30.38	37.12	1.39	1.19	4.60	17.23	30.59
7400	30.29	37.04	1.42	1.23	4.73	17.71	29.97
7600	30.20	36.55	1.44	1.27	4.71	17.84	29.82
7800	30.11	36.27	1.47	1.31	4.78	17.83	29.88
8000	30.02	36.33	1.49	1.35	4.84	17.51	29.70
8200	29.95	36.27	1.51	1.39	4.86	17.92	29.46
8400	29.89	35.85	1.51	1.43	4.96	17.78	29.30
8600	29.84	36.20	1.52	1.46	4.95	18.29	29.09
8800	29.79	35.78	1.51	1.49	4.98	17.80	29.05
9000	29.74	35.87	1.49	1.51	5.04	17.57	28.98
9200	29.69	35.11	1.47	1.53	5.09	18.27	28.62
9400	29.58	35.58	1.41	1.54	5.03	18.11	28.49
9600	29.46	36.47	1.37	1.54	5.08	18.04	28.46
9800	29.37	36.57	1.33	1.54	5.04	19.01	28.16
10000	29.27	36.35	1.28	1.54	5.07	18.68	28.11
10200	29.15	36.85	1.23	1.53	5.02	18.85	27.97
10400	29.03	36.79	1.17	1.52	4.98	18.81	27.87
10600	28.88	35.85	1.13	1.48	5.00	18.11	27.74
10800	28.75	35.53	1.10	1.44	5.03	18.18	27.53
11000	28.63	36.17	1.09	1.41	4.98	18.30	27.37
11200	28.49	36.63	1.12	1.39	5.01	18.77	27.22
11400	28.34	37.21	1.17	1.37	5.01	18.17	27.19
11600	28.19	37.50	1.22	1.36	5.01	18.10	27.04
11800	28.06	38.35	1.27	1.34	5.06	17.35	27.16
12000	27.94	39.12	1.31	1.34	5.16	17.12	27.13
12200	27.85	40.55	1.35	1.34	5.15	17.68	26.74
12400	27.75	40.10	1.38	1.36	5.23	17.99	26.57
12600	27.67	40.70	1.41	1.37	5.22	17.66	26.61
12800	27.58	40.90	1.43	1.41	5.23	17.09	26.65
13000	27.53	41.08	1.44	1.44	5.25	16.75	26.89
13200	27.48	41.87	1.45	1.48	5.34	17.57	26.36
13400	27.47	42.17	1.45	1.51	5.34	18.39	26.06
13600	27.52	42.63	1.45	1.55	5.36	17.83	26.16
13800	27.60	44.07	1.45	1.61	5.39	18.06	26.00
14000	27.61	46.42	1.45	1.68	5.49	17.83	26.05
14200	27.57	49.23	1.44	1.74	5.50	17.89	26.17
14600	27.60	42.09	1.39	1.77	5.56	18.00	26.32
14800	27.69	39.07	1.34	1.73	5.61	19.04	26.05
15000	28.00	39.22	1.30	1.68	5.62	18.60	26.52
15600	28.64	46.55	1.32	1.71	5.69	18.29	25.90
16000	28.67	45.30	1.33	1.65	5.76	18.77	25.80
16400	28.88	39.24	1.33	1.50	5.83	17.05	26.95
16600	28.95	38.46	1.34	1.44	5.84	18.24	25.96
16800	28.99	37.61	1.36	1.39	5.85	17.94	26.16
17000	28.98	37.86	1.40	1.34	5.93	18.60	25.44
17200	28.92	37.52	1.46	1.32	5.96	17.46	26.30
17600	28.59	39.07	1.63	1.31	6.22	17.77	25.82
18000	27.94	40.56	1.90	1.40	6.45	17.18	26.20



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