

Coaxial

# Low Noise Amplifier

# ZX60-542LN-S+

## Typical Performance Data

FREQUENCY (MHz)	Gain (dB) 12V	Directivity (dB) 12V	VSWR IN (:1) 12V	VSWR OUT (:1) 12V	Noise Figure (dB) 12V	Pout @ 1dB Compression (dBm) 12V	Output IP3 (dBm) 12V
4000	24.96	39.46	2.29	1.70	1.93	9.43	22.51
4100	24.92	34.62	2.12	1.68	1.87	9.50	22.60
4200	24.86	34.98	1.96	1.65	1.84	9.61	23.15
4300	24.84	31.14	1.82	1.61	1.81	9.66	23.15
4400	24.83	34.58	1.68	1.57	1.81	9.80	22.57
4500	24.80	35.55	1.56	1.52	1.80	9.72	23.78
4600	24.78	31.78	1.44	1.46	1.79	9.68	23.55
4700	24.75	32.27	1.34	1.39	1.79	10.02	23.62
4800	24.68	40.43	1.24	1.33	1.83	9.99	23.45
4900	24.57	37.39	1.14	1.27	1.81	9.76	23.61
5000	24.43	35.91	1.06	1.25	1.86	9.73	23.48
5100	24.35	31.03	1.05	1.30	1.91	9.98	23.61
5200	24.35	41.27	1.15	1.37	1.96	10.43	23.73
5300	24.30	33.52	1.26	1.42	2.02	10.70	24.21
5400	24.20	34.70	1.40	1.48	2.08	10.66	23.93
5500	24.04	34.54	1.57	1.54	2.19	10.78	24.05
5600	23.85	30.86	1.75	1.59	2.26	10.80	23.97
5700	23.59	30.84	1.96	1.62	2.32	10.85	23.90
5800	23.31	32.98	2.19	1.65	2.36	10.79	23.86



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](http://www.minicircuits.com)



IF/RF MICROWAVE COMPONENTS

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