

Coaxial Amplifier

RFE-24M30M1K7X+

Typical Performance Data

Test Condition: $T_{\text{MOUNTING BASE}} = +25^{\circ}\text{C}$, $V_{\text{DS}} = 65\text{V}$, 50Ω SYSTEM

FREQUENCY (MHz)	Power Gain at $P_{1\text{dB}}$ Compression (dB)	VSWR (:1) at $P_{1\text{dB}}$ Compression IN	P_{OUT} at $P_{1\text{dB}}$ Compression (dBm)	Drain Efficiency at $P_{1\text{dB}}$ Compression (%)
24	28.17	1.24	62.34	73.51
25	27.98	1.27	62.34	74.57
26	27.78	1.31	62.32	75.33
27	27.57	1.34	62.28	75.98
28	27.39	1.41	62.21	76.51
29	27.21	1.46	62.1	76.62
30	27.03	1.51	61.99	76.75

FREQUENCY (MHz)	Power Gain at $P_{3\text{dB}}$ Compression (dB)	VSWR (:1) at $P_{3\text{dB}}$ Compression IN	P_{OUT} at $P_{3\text{dB}}$ Compression (dBm)	Drain Efficiency at $P_{3\text{dB}}$ Compression (%)
24	26.17	1.24	62.89	76.79
25	25.98	1.27	62.91	78.24
26	25.78	1.31	62.9	79.2
27	25.57	1.35	62.87	80.2
28	25.39	1.40	62.8	80.69
29	25.21	1.46	62.68	80.94
30	25.03	1.51	62.54	80.88