

# Coaxial Amplifier RFE-24M30M075X+

## Typical Performance Data Per Channel

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

FREQUENCY (MHz)	Power Gain at $P_{1\text{dB}}$ Compression (dB)	VSWR (:1) at $P_{1\text{dB}}$ Compression IN	$P_{\text{OUT}}$ at $P_{1\text{dB}}$ Compression (dBm)	Drain Efficiency at $P_{1\text{dB}}$ Compression (%)
24	18.56	1.07	42.22	57.09
25	18.44	1.09	42.25	56.7
26	18.30	1.09	42.21	56.48
27	18.16	1.03	42.05	56.09
28	17.99	1.16	41.8	56.7
29	17.84	1.24	41.55	54.96
30	17.73	1.50	41.43	48.46
FREQUENCY (MHz)	Power Gain at $P_{3\text{dB}}$ Compression (dB)	VSWR (:1) at $P_{3\text{dB}}$ Compression IN	$P_{\text{OUT}}$ at $P_{3\text{dB}}$ Compression (dBm)	Drain Efficiency at $P_{3\text{dB}}$ Compression (%)
24	16.56	1.36	43.11	55.59
25	16.44	1.03	43.01	54.67
26	16.3	1.04	42.87	54.1
27	16.16	1.04	42.68	53.46
28	15.99	1.12	42.35	51.57
29	15.84	1.20	42.05	49.13
30	15.73	1.31	41.91	46.64