

Typical Performance Data @ 0dB Attenuation

FREQUENCY (GHz)	GAIN (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		Pout @ 1 dB COMPRESSION (dBm)	Pout at SATURATION (dBm)	Output IP3 (dBm)	Noise Figure (dB)
			IN	OUT				
18	47.15	43.38	20.98	25.79	26.50	29.71	35.70	3.40
19	47.92	39.92	18.36	21.25	27.84	29.44	38.05	3.27
20	47.73	38.83	16.60	19.37	29.24	30.29	39.63	3.27
21	47.12	40.36	16.00	18.04	30.45	30.77	40.81	3.38
22	46.52	41.65	16.01	17.25	29.99	30.27	41.45	3.42
23	46.00	40.29	16.32	16.78	29.27	29.59	42.22	3.47
24	45.53	42.70	16.42	16.66	30.39	31.48	41.41	3.48
25	45.08	42.74	16.41	16.62	30.20	32.93	41.49	3.46
26	44.67	38.91	16.27	17.01	30.52	32.61	42.74	3.56
27	44.66	29.68	16.29	17.83	30.87	32.69	45.45	3.81
28	45.29	29.42	16.62	17.98	31.00	32.69	44.96	3.87
29	46.29	33.57	17.30	17.43	31.23	32.67	44.91	4.00
30	47.22	29.39	18.26	16.27	31.30	32.57	43.29	4.22
31	47.71	26.73	19.30	15.28	31.03	32.52	43.09	4.28
32	47.79	26.28	19.46	14.76	31.08	32.49	41.98	4.54
33	47.77	26.01	18.34	14.58	31.00	32.41	41.84	4.62
34	48.20	24.49	16.95	15.27	30.88	32.24	41.71	4.70
35	48.68	25.58	15.65	16.50	30.67	32.00	41.26	4.63
36	49.00	24.55	14.96	18.29	30.67	31.76	41.75	4.82
37	48.94	23.63	15.00	18.96	30.41	31.35	40.34	4.93
38	48.37	23.80	15.87	17.84	30.00	30.80	38.91	5.10
39	47.71	25.71	17.83	16.30	29.64	30.61	39.09	5.26
40	47.38	25.40	21.18	15.08	29.48	30.59	38.75	5.36
41	47.62	24.77	24.41	15.10	29.44	30.45	38.16	5.30
42	48.03	20.23	23.97	15.87	29.16	30.00	37.94	5.72
43	48.45	21.19	21.18	16.72	28.15	29.21	37.28	5.97
44	48.75	22.26	18.83	17.43	27.61	28.96	37.14	6.03
45	47.78	22.72	16.59	18.13	26.60	28.06	37.04	6.24

Typical Gain over Attenuation

FREQUENCY (GHz)	GAIN							
	1 dB	2 dB	3 dB	4 dB	5 dB	10 dB	15 dB	17 dB
18	46.25	45.19	44.00	42.95	41.86	37.01	32.58	30.79
19	46.98	45.88	44.69	43.68	42.61	37.78	33.20	31.36
20	46.80	45.68	44.54	43.56	42.54	37.77	33.11	31.23
21	46.19	45.09	43.98	43.04	42.04	37.33	32.63	30.74
22	45.59	44.52	43.45	42.53	41.55	36.89	32.15	30.23
23	45.09	44.06	43.03	42.15	41.18	36.55	31.77	29.84
24	44.65	43.64	42.63	41.77	40.82	36.21	31.43	29.50
25	44.20	43.21	42.21	41.35	40.41	35.83	31.11	29.21
26	43.80	42.81	41.79	40.93	39.99	35.46	30.82	28.95
27	43.80	42.78	41.74	40.86	39.91	35.44	30.88	29.04
28	44.36	43.28	42.17	41.27	40.31	35.83	31.30	29.48
29	45.32	44.17	43.04	42.14	41.15	36.60	32.01	30.19
30	46.19	45.06	43.96	43.07	42.08	37.47	32.81	30.97
31	46.70	45.61	44.55	43.68	42.68	38.06	33.39	31.57
32	46.76	45.64	44.58	43.69	42.68	38.05	33.46	31.69
33	46.71	45.54	44.43	43.54	42.50	37.74	33.13	31.39
34	47.08	45.94	44.87	43.98	42.93	37.81	32.80	30.92
35	47.58	46.59	45.65	44.83	43.81	38.53	33.08	31.01
36	47.93	47.01	46.13	45.36	44.35	39.14	33.66	31.54
37	47.86	46.83	45.89	45.04	44.02	38.89	33.59	31.55
38	47.22	46.12	45.15	44.27	43.23	37.98	32.59	30.52
39	46.57	45.53	44.65	43.83	42.81	37.52	32.00	29.90
40	46.28	45.29	44.41	43.62	42.59	37.39	31.97	29.91
41	46.44	45.38	44.44	43.60	42.55	37.25	31.90	29.89
42	46.76	45.69	44.75	43.94	42.84	37.29	31.71	29.66
43	47.26	46.36	45.58	44.81	43.75	38.20	32.45	30.35
44	47.51	46.49	45.70	44.86	43.79	38.15	32.48	30.42
45	46.51	45.47	44.68	43.86	42.79	37.08	31.31	29.27