



MULTIPLIERS, FREQUENCY 50 Ω
0.1 MHz to 10 GHz



MODEL PREFIX	FREQUENCY (MHz)		RF INPUT POWER (dBm)		CONVERSION LOSS (dB)		HARMONIC OUTPUT (dBc)					
	Input	Output	Min.	Max.	Typ.	Max.	F1 Typ. Min.	F3 Typ. Min.	F4 Typ. Min.	F1 Typ. Min.	F2 Typ. Min.	F4 Typ. Min.
X2												
MK-3	0.05-50	0.1-100	0	13	11.0	17.0	40	28	45	30	16	12
	50-150	100-300	0	13	11.5	15.0	35	20	40	20	16	12
FD-2	5-100	10-200	1	15	13.0	16.0	40	30	50	40	16	12
	100-300	200-600	1	15	13.5	15.5	25	20	40	30	16	12
	300-500	600-1000	1	15	14.0	16.5	20	15	30	25	16	12
MK-2	5-100	10-200	1	15	13.0	16.0	40	30	50	40	16	12
	100-300	200-600	1	15	13.5	15.5	25	20	40	30	16	12
	300-500	600-1000	1	15	14.0	16.5	20	15	30	25	16	12
ZX90-2-13	10-500	20-1000	4	10	11.0	14.5	45	21	45	25	21	12
FK-5	10-600	20-1200	10	20	13.0	15.0	20	10	26	20	15	10
	600-1000	1200-2000	10	20	14.0	17.0	20	10	25	20	25	15
GK-5	10-600	20-1200	10	20	13.0	15.0	20	10	26	20	15	10
	600-1000	1200-2000	10	20	14.0	17.0	20	10	25	20	25	15
MK-5	10-600	20-1200	10	20	13.0	15.0	20	10	26	20	15	10
	600-1000	1200-2000	10	20	14.0	17.0	20	10	25	20	25	15
FK-3000	70-1000	140-2000	12	15	11.0	14.0	31	20	40	25	15	10
	1000-1500	2000-3000	12	15	12.0	17.5	22	15	30	20	30	14
ZX90-2-11	500-1100	1000-2200	5	10	10.5	13.5	27	21	34	25	21	12
	550-750	1100-1500	5	10	10.0	13.5	30	21	34	25	21	12
ZX90-2-19	1100-1900	2200-3800	5	10	10.5	14.5	27	20	30	23	17	11
ZX90-2-36	1700-3600	3400-7200	8	13	11.0	15.0	18	11	32	22	17	10
	2100-2700	4200-5400	8	13	10.0	14.0	23	14	35	22	17	10
ZX90-2-50	3500-5000	7000-10000	7	12	12.5	17.0	15	7	28	17	30	17
X3												
ZX90-3-122	300-400	900-1200	0	6	16.0	20.0	48	30	60	40	70	40
	1000-1500	3000-4500	10	16	14.7	18.0	40	30	55	40	55	38
	1700-2300	5100-6900	9	13	14.7	20.0	40	29	40	25	40	25
	2000-2700	6000-8100	0	5	15.0	22.0	30	21	48	30	48	27
X12												
ZX90-12-63	375-500	4500-6000	-4	0	6.5	12.0	65	50	34	23	48	33
BELOW F12												
F1 to F3 F4 F5 to F9 F10 to F16												
Typ. Min. Typ. Min. Typ. Min. Typ. Min.												
65 50 34 23 48 33 26 20												