



ANZAC RF & CELLULAR COMPONENTS

Low Cost Frequency Mixers

LEVEL 3 (+3 dBm LO, up to -3 dBm RF) SURFACE MOUNT MIXER

MODEL NO.	FREQUENCY MHz		CONVERSION LOSS dB		LO-RF ISOLATION dB			LO-IF ISOLATION dB			CASE	PIN OUT	UNIT PRICE (\$) (1 - 9)
	LO/RF	IF	Mid-Band	Total Range	L	M	U	L	M	U			
	F _L -F _u		m Typ. Max.	Typ. Max.	Typ. Min	Typ. Min	Typ. Min	Typ. Min	Typ. Min	Typ. Min			
EMRS-2L	5.0-1000	DC-1000	6.5 8.0	7.0 9.5	60 40	40 20	25 18	55 30	30 20	20 12	SM1	9	6.80

LEVEL 7 (+7 dBm LO, up to +1 dBm RF) SURFACE MOUNT MIXERS

EMRS-1	0.5 - 500	DC - 500	5.5 7.0	6.2 8.5	55 50	33 25	27 20	55 45	30 23	24 19	SM1	9	6.15
EMRS-2	5.0 - 1000	DC - 1000	6.5 8.0	7.0 9.5	60 40	40 20	25 18	55 30	30 20	20 12	SM1	9	6.80
EMRS-2U	10.0 - 1000	10.0 - 750	6.5 8.0	7.5 9.5	55 40	40 30	30 25	55 30	35 25	30 22	SM1	9	11.30
EMRS-5	5.0 - 1500	DC - 1000	6.5 7.5	7.5 9.5	60 40	40 20	30 18	55 30	30 18	15 8	SM1	9	13.75
EMRS-11	5.0 - 2000	10 - 600	7.0 8.5	7.5 9.0	50 45	35 25	30 20	45 40	30 20	25 15	SM1	9	16.75
ESMD-C1	1.0 - 1000	DC - 1000	— —	6.5 9.5	— —	— —	45 25	— —	— —	30 15	SM2	10	8.20
ESMD-C2	20.0 - 1500	DC - 1500	— —	7.0 9.0	— —	— —	35 10	— —	— —	25 8	SM2	10	9.20
ESMD-C3	20.0 - 2500	20 - 600	— —	7.5 10.5	— —	— —	45 15	— —	— —	40 12	SM2	10	19.10
ESCM-1	1.0 - 500	DC - 500	6.0 7.0	6.5 8.0	60 40	45 35	40 30	50 40	45 35	40 25	SM3	1	4.20
ESCM-2	5.0 - 1000	DC - 500	6.0 7.5	7.0 9.8	50 40	40 25	35 20	55 30	40 25	30 18	SM3	14	5.40

LEVEL 10 (+10 dBm LO, up to +5 dBm RF)

EMT-15	10.0 - 3000	10 - 800	6.3 8.0	6.5 8.5	35 25	35 25	35 25	30 20	30 20	30 20	R4	8	49.75
EMT-150	10.0 - 2000	DC - 1000	6.0 8.0	6.5 8.0	32 25	35 25	35 25	33 20	30 20	30 20	R4	8	45.25
EMA-220	0.05 - 2000	0.05 - 500	6.0 8.0	7.0 9.0	25 20	40 30	30 20	25 20	40 30	25 15	R1	7	31.75

LEVEL 13 (+13 dBm LO, up to +9 dBm RF)

EMT-1MH	2.0 - 500	DC - 500	6.0 7.5	7.0 8.5	50 45	40 30	30 20	45 40	35 25	25 20	R3	8	24.75
EMT-3MH	1.0 - 250	DC - 250	5.0 7.0	6.0 8.5	50 45	40 30	28 23	45 40	35 25	26 20	R3	8	24.75
EMT-12MH	0.5 - 2000	0.2 - 600	5.8 8.0	7.2 9.5	60 45	35 30	30 25	55 40	30 25	25 20	R4	8	48.50
EMT-42MH	10.0 - 4200	10 - 1000	7.3 8.5	7.5 11.0	35 25	40 25	35 25	35 20	35 25	27 20	R4	8	69.75
EMS-1MH	1.0 - 500	DC - 500	5.5 7.5	6.5 8.5	50 35	45 30	35 25	45 30	40 25	30 20	R1	1	10.25
EMS-12MH	2.0 - 1100	DC - 500	6.5 8.0	7.0 9.0	50 40	40 30	30 20	40 30	25 20	25 15	R1	16	12.30

L = Low Range (F_L - 10F_L)M = Mid Range (10F_L - F_u/2)m = Mid Band (2F_L - F_u/2)U = Upper Range (F_u/2 - F_u)

Immediate Delivery from Stock