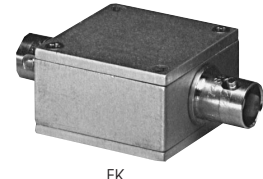
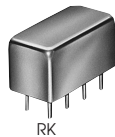
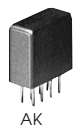


FREQUENCY DOUBLERS 50Ω

Surface Mount □

HIGH HARMONIC REJECTION 5 kHz to 3000 MHz

SURFACE MOUNT



KBA

SYK

SK

AK

RK

FD

FK

MODEL NO.	FREQUENCY MHz		RF INPUT PWR. dBm		CONVERSION LOSS dB			*HARMONIC OUTPUT, dBc				CAPD DATA	CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (1-9)		
	Input	Output	Min.	Max.	Input freq.	Typ.	Max.	F1		F3						F4	
								Typ.	Min.	Typ.	Min.	Typ.	Min.				
BLUE CELL KBA-20*	1600-2200	3200-4400	11	15	1600-2200	12	15.8	12	7	20	13	23	10		SM2	In	9.95***
SYK-2R	10-1000	20-2000	12	16	10-500 500-1000	10.5 11.5	14.0 16.0	35 32	25 20	42 37	25 20	20 20	10		TTT167	gc	29.95
SK-2	1-500	2-1000	1	10	1-100 100-300 300-500	13.0 13.5 14.0	15.0 15.5 17.5	40 25 20	30 20 15	50 40 30	40 30 25	16 16 16	12		B02	df	26.45
AK-2	1-500	2-1000	1	10	1-100 100-300 300-500	13.0 13.5 14.0	15.0 15.5 17.5	40 25 20	30 20 15	50 40 30	40 30 25	16 16 16	12		A03	cg	20.95
AK-3000	70-1500	140-3000	12	15	70-1000 1000-1500	10.5 11.5	14.0 16.0	31 22	20 15	40 30	25 20	14 30	10		A03	ga	59.95
RK-2	5-500	10-1000	1	15	5-100 100-300 300-500	13.0 13.5 14.0	16.0 15.5 16.5	40 25 20	30 20 15	50 40 30	40 30 25	16 16 16	12		A01	cg	17.95
RK-3	0.05-150	0.1-300	0	13	0.05-50 50-150	11.0 11.5	17.0 15.0	40 35	28 20	45 40	30 20	16 16	8		A01	dh	15.95
RK-5	10-800	20-1600	10	20	10-100 100-400 400-800	13.0 12.5 13.0	15.0 16.0 16.0	20 20 20	12 12 12	25 30 25	20 20 18	15 15 15	12		A01	cg	49.95
RK-6	0.005-25	0.01-50	0	10	0.005-1 1-25	11.0 11.5	13.0 15.0	40 35	30 20	45 40	30 20	16 16	12		A01	dj	25.95
RK-3000	70-1500	140-3000	12	15	70-1000 1000-1500	11.0 12.0	14.0 17.5	31 22	20 15	40 30	25 20	15 30	10		A01	ga	54.95
FD-2	5-500	10-1000	1	15	5-100 100-300 300-500	13.0 13.5 14.0	16.0 15.5 16.5	40 25 20	30 20 15	50 40 30	40 30 25	16 16 16	12		FF55	-	40.95
FK-5	10-1000	20-2000	10**	20	10-600 600-1000	13.0 14.0	15.0 17.0	20 20	10 10	16 25	20 20	15 25	10		H16	-	69.95
△ FK-3000	70-1500	140-3000	12	15	70-1000 1000-1500	11.0 12.0	14.0 17.5	31 22	20 15	40 30	25 20	15 30	10		H16	-	79.95

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FK-5	5985-01-204-9746
MIK-3BR	5895-01-332-8582
RK-2	5895-01-268-7337
RK-3	5895-01-143-3726
RK-3-TX	5895-01-160-8656
RK-6	5895-01-450-3793
SK-2	6625-01-247-8425



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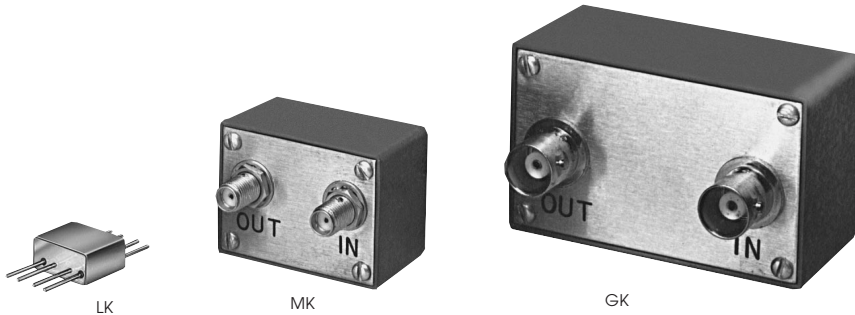
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MODEL NO.	FREQUENCY MHz		RF INPUT PWR. dBm		CONVERSION LOSS dB			*HARMONIC OUTPUT, dBc						CAPD DATA	CASE STYLE	CONNECT ION	PRICE \$
	Input	Output	Min.	Max.	Input freq.	Typ.	Max.	F1		F3		F4					
LK-3000	70-1500	140-3000	12	15	70-1000	10.5	14.0	31	20	40	25	15	10	FOR DATA SEE YONI ON OUR WEBSITE	BB48	clk	64.95
MK-2	5-500	10-1000	1	15	1000-1500	11.5	16.0	22	15	35	20	20	14		L19	-	52.95
					5-100	13.0	16.0	40	30	50	40	16	12		L19	-	47.95
					100-300	13.5	15.5	25	20	40	30	16	12		L19	-	76.95
MK-3	0.05-150	0.1-300	0	13	300-500	14.0	16.5	20	15	30	25	16	12		L19	-	76.95
					0.05-50	11.0	17.0	40	28	45	30	16	8		L20	-	43.95
MK-5	10-1000	20-2000	10**	20	50-150	11.5	15.0	35	20	40	20	16	12		L20	-	43.95
					10-600	13.0	15.0	20	10	26	20	15	10		L20	-	67.95
GK-2	5-500	10-1000	1	15	600-1000	14.0	17.0	20	10	25	20	25	15		L20	-	45.95
					5-100	13.0	16.0	40	30	50	40	16	12	L20	-	43.95	
GK-3	0.05-150	0.1-300	0	13	100-300	13.5	15.5	25	20	40	30	16	12	L20	-	43.95	
					300-500	14.0	16.5	20	15	30	25	16	12	L20	-	67.95	
GK-5	10-1000	20-2000	10**	20	0.05-50	11.0	17.0	40	28	45	30	16	8	L20	-	43.95	
					50-150	11.5	15.0	35	20	40	20	16	12	L20	-	67.95	
GK-5	10-1000	20-2000	10**	20	10-600	13.0	15.0	20	10	26	20	15	10	L20	-	67.95	
					600-1000	14.0	17.0	20	15	25	20	25	15	L20	-	67.95	

NOTES:

- Non-hermetic
- * Harmonic output below power level of F2
- * BLUE CELL™ mixers protected by U.S. Patents 5,534,830, 5,640, 132, 5,640, 134, 5,640, 699
- ** Minimum input power +13 dBm above 700MHz
- *** Price for quantities 10-49
- △ Available only with SMA connectors
- A. General Quality Control Procedures, Environmental Specifications, Hi-Rel and MIL description are given in General Information (section 0).
- B. Connector types and case mounted options, case finishes are given in section 0, see "Case Styles & Outline Drawings".
- C. Prices and Specifications subject to change without notice.
- 1. Absolute maximum power, voltage and current rating:
 - 1a. RF Input power, 200mW
 - 1b. FD-2 input is at Male BNC.

pin connections

see case style outline drawings for pin locations

PORT	df	dg	dh	dj	dk	ga	gc	In
INPUT	1,2^	1,3,4^	1,3,4^	1,3,4^	4	1	2	10
OUTPUT	4	8	8	8	8	8	1	5
GND EXT.	3	2,5,6,7	2,5,6,7	2,5,6,7	1,2,3,5,6,7	2,3,4,5,6,7	4,5,6	1,2,4,6,7,8,9
CASE GND	3	2,5,6,7	2	—	1,2,3,5,6,7	2,3,4,5,6,7	—	—
NOTUSED	—	—	—	—	—	—	3	—
SAMPLE	—	—	—	—	—	—	—	3

^ pins must be connected together externally



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