

IR Series

Model Name Sample	Frequency Range (MHz)			LO Level (dBm)	Conversion Loss (dB) max	Image Rejection (dBc) typ	Isolation			IIP3 (dBm) typ.	P1dB (dBm) typ.	Page
	RF	LO	IF				LO-RF (dB) min	LO-IF (dB) min	RF-IF (dB) min			
IR425H70SH-0S	350- 500	RF±IF	70	23-26	7.5	30	35	25	15	33	+17	
IR750H70SH-0S	500-1000	RF±IF	70	23-26	8.5	25	30	20	10	32	+17	
IR1250H70SH-0S	1000-1500	RF±IF	70	23-26	9.0	25	20	20	8	27	+13	
IR1650H70SH-0S	1400-1900	RF±IF	70	23-26	8.5	22	20	20	8	27	+13	
IR1950H70SH-0S	1700-2200	RF±IF	70	23-26	8.5	30	20	20	8	27	+13	
IR2450H70SH-0S	2200-2700	RF±IF	70	23-26	8.5	30	20	20	8	30	+15	
IR3500H70SH-0S	3400-3700	RF±IF	70	23-26	9.0	22	17	10	10	32	+13	

Image Reject Mixer Part Number Description

R&K- IR 425 H 70 SH -0 S
 1 2 3 4 5 6 7

- 1. Series ; Image Reject Mixer
- 2. RF Frequency ; MHz / 350MHz to 3700MHz
- 3. LO Allocation ; H / LO=RF + IF
; L / LO=RF - IF
- 4. IF Frequency ; MHz / 70MHz (Standard)
- 5. LO Drive Level ; L +10dBm
; M +13dBm
; H +18dBm
; SH +23dBm
- 6. Case Type ; 0 (Standard)
- 7. Connectors ; S = SMA Female (Standard)
; B = BNC Female (Option)

R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, R&K cannot export products to any country for use in military or defense applications.

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