

Frequency Mixer

HJK-3H

Typical Performance Data

RF (MHz)	LO (MHz)	CONVERSION LOSS (dB)	LO (MHz)	LO-RF ISOLATION (dB)	LO-IF ISOLATION (dB)	LO (MHz)	RF (MHz)	IP3 Input (dBm)
		@LO (dBm)		@LO (dBm)	@LO (dBm)			@LO (dBm)
		+16		+16	+16			+16
140.0	140.5	8.26	140.0	50.78	52.78	140.5	140.0	34.07
150.0	151.1	8.22	150.0	51.06	44.92	151.1	150.0	34.25
155.0	157.1	8.19	155.0	52.09	42.08	157.1	155.0	34.20
160.0	163.1	8.19	160.0	54.10	39.91	163.1	160.0	34.60
165.0	170.1	8.18	165.0	55.81	38.41	170.1	165.0	34.21
170.0	180.1	8.19	170.0	54.88	37.59	180.1	170.0	34.20
175.0	190.1	8.23	175.0	52.76	37.23	190.1	175.0	34.11
180.0	200.1	8.25	180.0	51.28	37.20	200.1	180.0	34.44

REV. X1
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IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



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Frequency Mixer

HJK-3H

Typical Performance Data

RF/LO (MHz)	RF VSWR (:1)	LO VSWR (:1)	IF (MHz)	IF VSWR (:1)
	@LO (dBm)	@LO (dBm)		@LO (dBm)
	+16	+16		+16
140.0	1.27	15.53	0.5	1.10
150.0	1.28	6.13	1.1	1.14
155.0	1.27	4.16	3.1	1.16
160.0	1.28	3.20	5.1	1.15
165.0	1.27	3.09	8.1	1.15
170.0	1.27	3.62	10.1	1.15
175.0	1.28	4.57	15.1	1.16
180.0	1.28	5.74	20.1	1.16

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