

Non-Catalog Model

Frequency Mixer

JYM-20H

Level 17 (LO Power +17 dBm)

Important Note

This is a non-catalog model and can be manufactured on specific request.
Pricing and delivery information can be supplied upon request.



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CASE STYLE : BJ293

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	2		2000	MHz
	RF (fL to fU)	2		2000	MHz
	IF	4		700	MHz
Conversion Loss	mid band		5.7	8.5	dB
	Total Range			9.0	dB
LO-RF Isolation	Low Range	30	40		dB
	Mid Range	28	44		dB
	Upper Range	25	40		dB
LO-IF Isolation	Low Range	35	40		dB
	Mid Range	22	40		dB
	Upper Range	15	29		dB
IP3 Input		+27.5	+30		dBm
1 dB Comp. Input Power			+10		dBm

Notes: Low Range = [fL to 10fL] Mid Range = [10fL to fU/2] Upper Range = [fU/2 to fU]
mid band = [2fL to fU/2]

IP3 : RF Power = 0 dBm @ 200 MHz & 202 MHz , LO Power = +17 dBm @ 180 MHz

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	200mW
IF Current	40mA

PIN CONNECTIONS	
LO	5
RF	1
IF	7
GROUND	2, 3, 4, 6, 8

Electrical Schematics

