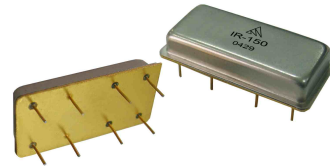


Features

- Frequency range: 5~1000MHz, octave bandwidth
- Low Conversion loss
- High image rejection and LO rejection
- Low VSWR
- Low Conversion Loss, 50 Ω impedance
- Operating temperature range: -55°C ~ +85°C

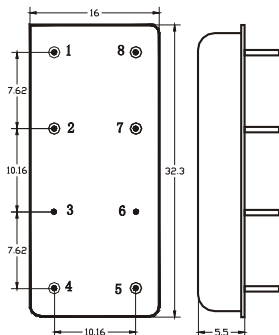


Specifications (measured in a 50 Ω system TA=25°C)

Model	Frequency Range (MHz)		Carrier Power (dBm)	Conversion Loss (dB)Max	Image Rejection (dB)Min	Carrier Rejection (dBc)Min	1dB Compression Point (dBm)Min	VSWR Max
	LO	RF						
IR-60	40~80	LO ± IF	+10	8.0	25	34	+3	1.5:1
IR-70	50~90	LO ± IF	+10	8.0	25	34	+3	1.5:1
IR-120	80~160	LO ± IF	+10	8.0	25	32	+3	1.5:1
IR-150	100~200	LO ± IF	+10	8.5	25	32	+3	1.5:1
IR-225	150~300	LO ± IF	+10	8.5	20	30	+3	1.5:1
IR-300	200~400	LO ± IF	+10	8.5	20	30	+3	1.5:1
IR-475	400~550	LO ± IF	+10	9.0	25	25	+3	1.6:1
IR-650	550~750	LO ± IF	+10	9.0	25	25	+3	1.6:1
IR-820	810~830	LO ± IF	+10	9.0	25	25	+3	1.6:1
IR-880	865~900	LO ± IF	+10	9.0	25	25	+3	1.6:1
IR-950	935~960	LO ± IF	+10	9.0	25	25	+3	1.6:1

Application Notes

1. Specified LO frequency within 5~1000MHz available, up to octave operating bandwidth
2. Optional LO level +7dBm, +10dBm, +17dBm available



DIP-22D (Bottom View)

Pin Connection:

- 1: RF
- 5: LO
- 2: IF
- 3, 4, 6, 8: GND
- 7: N/C

Typical Performance

