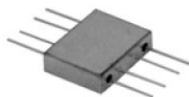


Mixers



Flatpack

H1

Level 7 0.5 to 2000MHz

+7dBm LO, up to +1dBm RF

P/N	Freq. Range (MHz)		Conversion Loss (dB)			LO-RF Isolation (dB)			LO-IF Isolation (dB)			Case
	RF/LO	IF	m		Total	L	M	U	L	M	U	
	f_L, f_U		Typ	Max	Max	Typ/Min	Typ/Min	Typ/Min	Typ/Min	Typ/Min	Typ/Min	
JXWBHP-H-0.5-500-7	0.5-500	DC-500	5.5	7.0	7.5	50/40	40/30	35/25	45/35	35/25	25/20	H1
JXWBHP-H-5-1000-7	5-1000	DC-1000	6.0	7.5	8.0	45/35	40/30	35/25	40/30	35/25	25/20	H1
JXWBHP-H-5-1500-7	5-1500	DC-1000	6.5	7.5	8.5	55/40	40/30	30/20	45/35	35/25	30/20	H1
JXWBHP-H-700-2000-7	700-2000	DC-300	-	-	8.0	-	-	20	-	-	12	H1

Notes:

- Operating Temperature : -40 °C to +80 °C. Storage Temperature : -55 °C to +85 °C.
- L=low range [f_L to $10 f_L$] M=mid range [$10 f_L$ to $f_U/2$] U=upper range [$f_U/2$ to f_U]

Level 10 10 to 3000MHz

+10dBm LO, up to +5dBm RF

P/N	Freq. Range (MHz)		Conversion Loss (dB)			LO-RF Isolation (dB)			LO-IF Isolation (dB)			Case
	RF/LO	IF	m		Total	L	M	U	L	M	U	
	f_L, f_U		Typ	Max	Max	Typ/Min	Typ/Min	Typ/Min	Typ/Min	Typ/Min	Typ/Min	
JXWBHP-H-10-3000-10	10-3000	10-800	7.0	8.0	9.0	25/20	35/25	25/20	25/20	30/25	25/20	H1

Notes:

- Operating Temperature : -40 °C to +80 °C. Storage Temperature : -55 °C to +85 °C.
- L=low range [f_L to $10 f_L$] M=mid range [$10 f_L$ to $f_U/2$] U=upper range [$f_U/2$ to f_U]

Level 13 0.5 to 1500MHz

+13dBm LO, up to +9dBm RF

P/N	Freq. Range (MHz)		Conversion Loss (dB)			LO-RF Isolation (dB)			LO-IF Isolation (dB)			Case
	RF/LO	IF	m		Total	L	M	U	L	M	U	
	f_L, f_U		Typ	Max	Max	Typ/Min	Typ/Min	Typ/Min	Typ/Min	Typ/Min	Typ/Min	
JXWBHP-H-0.5-500-13	0.5-500	DC-500	5.0	7.0	8.0	50/40	40/30	35/25	40/30	35/25	25/20	H1
JXWBHP-H-10-1000-13	10-1000	DC-1000	6.0	7.5	8.5	45/30	40/30	30/20	45/35	35/25	25/20	H1
JXWBHP-H-20-1500-13	20-1500	DC-1500	6.5	7.5	8.5	50/40	40/30	30/20	45/35	35/25	25/20	H1

Notes:

- Operating Temperature : -40 °C to +80 °C. Storage Temperature : -55 °C to +85 °C.
- L=low range [f_L to $10 f_L$] M=mid range [$10 f_L$ to $f_U/2$] U=upper range [$f_U/2$ to f_U]

Level 17 1 to 3000MHz

+17dBm LO, up to +10dBm RF

P/N	Freq. Range (MHz)		Conversion Loss (dB)			LO-RF Isolation (dB)			LO-IF Isolation (dB)			Case
	RF/LO	IF	m		Total	L	M	U	L	M	U	
	f_L, f_U		Typ	Max	Max	Typ/Min	Typ/Min	Typ/Min	Typ/Min	Typ/Min	Typ/Min	
JXWBHP-H-1-500-17	1-500	DC-500	6.5	7.5	8.5	50/40	40/30	30/20	45/35	40/30	30/20	H1
JXWBHP-H-5-1000-17	5-1000	DC-1000	6.5	7.5	8.5	45/35	40/30	35/20	40/30	35/25	25/20	H1
JXWBHP-H-10-3000-17	10-3000	10-800	7.5	8.0	12.0	25/20	25/20	25/20	25/20	25/20	25/20	H1

Notes:

- Operating Temperature : -40 °C to +80 °C. Storage Temperature : -55 °C to +85 °C.
- L=low range [f_L to $10 f_L$] M=mid range [$10 f_L$ to $f_U/2$] U=upper range [$f_U/2$ to f_U]