

## Mixers



S2

Surface Mount

Level 7 1 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-S-1-600-7	1-600	DC-600	5.5	7.0	8.5	55/50	35/25	30/25	55/45	30/25	25/20	S2
JXWBHP-S-5-1000-7	5-1000	DC-1000	6.0	7.0	8.5	60/45	50/30	40/25	50/40	45/25	25/20	S2
JXWBHP-S-800-1050-7	800-1050	DC-250	6.0	7.0	7.0	-	35/25	-	-	35/20	-	S2
JXWBHP-S-5-1500-7	5-1500	DC-1000	7.0	9.0	9.5	55/40	35/25	30/20	55/30	35/20	15/8	S2
JXWBHP-S-10-2000-7	10-2000	5-1000	7.0	8.5	10.0	60/40	40/25	35/25	55/40	30/20	25/20	S2
JXWBHP-S-700-2000-7	700-2000	DC-300	-	8.0	-	-	20	-	-	12	-	S2

**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 1 to 2000MHz  
+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-S-1-600-10	1-600	DC-600	5.5	7.0	8.5	55/50	35/25	30/25	55/40	30/25	25/20	S2
JXWBHP-S-5-1000-10	5-1000	DC-1000	6.0	7.0	8.5	60/45	50/30	40/25	-	45/25	25/20	S2
JXWBHP-S-800-1015-10	800-1015	DC-1000	6.0	7.0	-	-	35/25	-	55/30	35/20	-	S2
JXWBHP-S-5-1500-10	5-1500	DC-900	7.0	9.0	9.5	55/35	35/25	25/20	35/25	35/15	20/10	S2
JXWBHP-S-10-2000-10	10-2000	0.5-1000	-	7.0	8.5	50/45	55/40	45/25	-	50/40	30/20	S2
JXWBHP-S-700-2000-10	700-2000	DC-300	-	8	-	-	20	-	-	12	-	S2

**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  $f_U$ ]