

SBL1 Mixer 500Mhz

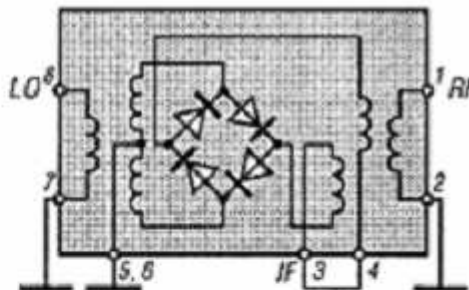
(Mélangeur Équilibré Double Diode)



PIN 1 = point bleu

Frequency Mixer SBL-1 (Auszug aus dem Datenblatt)

Frequency, MHz		Conversion loss, dB		
LO:RF	IF	1*	2*	3*
1-500	DC-500	5,6	7,0	8,0
+7 dBm LO, up to 1 dBm RF				
Isolation, LO-RF, db				
L		U		
typ.	min.	typ.	min.	typ.
60	45	45	35	40
Isolation, LO-IF, db				
L		U		
typ.	min.	typ.	min.	typ.
45	35	40	25	30



1*: Average of conversion loss at center of mid-band frequency

($f_L + f_U/4$)

2*: in mid-band m

3*: total range max.

L: low range (f_L to $10 f_L$)

M: mid range ($10 f_L$ to $f_U/2$)

m: mid band ($2 f_L$ to $f_U/2$)

U: upper range ($f_U/2$ to f_U)

Brochage :

Pin 1 = Sortie RF

Pin 2, 5, 6, 7 = Masse

Pins 3 et 4 = Entrée IF

Pin 8 = Entrée OL