

**For calculation you must write only input frequency**

**Calculation of septum transformer on picture**

Frequency: **1296** MHz

Calcul of wave length: **231,481** mm

Lambda

Messe	distance in mm		
A	78,2	Long of tooth	0,338
B	138,2		0,597
C	200,9		0,86
D	222,5		0,961
E	370,4		1,6
F	18,5	Brite of tooth	0,08
G	41,2		0,178
H	69,7		0,301
I	113,7		0,491
J	144,9		0,626
<b>Messe in mm</b>			
Distance from output on feed and transformer	<b>231</b>	K	1
Distance beetven dipol and rear wall	<b>44</b>	L	0,19
Dipol long	<b>43</b>	M	0,185
Thickness of septum transformer sheet	<b>1,852</b>	<b>No critical parameter</b>	
Total of feed lenght	<b>602</b>	Total	

**Picture of transformer**

