

For calculation you must write only input frequency

Calculation of septum transformer on picture

Frequency: **10386** MHz

Calcul of wave length: **28,885** mm

Lambda

Messe	distance in mm		
A	9,8	Long of tooth	0,338
B	17,2		0,597
C	25,1		0,86
D	27,8		0,961
E	46,2		1,6
F	2,3	Brite of tooth	0,08
G	5,1		0,178
H	8,7		0,301
I	14,2		0,491
J	18,1		0,626
Messe in mm			
Distance from output on feed and transformer	29	K	1
Distance beetven dipol and rear wall	5	L	0,19
Dipol long	5	M	0,185
Thickness of septum transformer sheet	0,231	No critical parameter	
Total of feed lenght	75	Total	

Picture of transformer

