

For calculation you must write only input frequency

Calculation of septum transformer on picture

Frequency: **3400** MHz

Calcul of wave length: **88,235** mm

Lambda

Messe	distance in mm		
A	29,8	Long of tooth	0,338
B	52,7		0,597
C	76,6		0,86
D	84,8		0,961
E	141,2		1,6
F	7,1	Brite of tooth	0,08
G	15,7		0,178
H	26,6		0,301
I	43,3		0,491
J	55,2		0,626
Messe in mm			
Distance from output on feed and transformer	88	K	1
Distance beetven dipol and rear wall	17	L	0,19
Dipol long	16	M	0,185
Thickness of septum transformer sheet	0,706	No critical parameter	
Total of feed lenght	229	Total	

Picture of transformer

