

For calculation you must write only input frequency

Calculation of septum transformer on picture

Frequency: **5600** MHz

Calcul of wave length: **53,571** mm

Lambda

Messe	distance in mm		
A	18,1	Long of tooth	0,338
B	32,0		0,597
C	46,5		0,86
D	51,5		0,961
E	85,7		1,6
F	4,3	Brite of tooth	0,08
G	9,5		0,178
H	16,1		0,301
I	26,3		0,491
J	33,5		0,626
Messe in mm			
Distance from output on feed and transformer	54	K	1
Distance beetven dipol and rear wall	10	L	0,19
Dipol long	10	M	0,185
Thickness of septum transformer sheet	0,429	No critical parameter	
Total of feed lenght	139	Total	

Picture of transformer

