

# Open TEM cell design parameters (generated from OpenTEMCell.FCStd)

ShieldWidth	350,00		Width of the outer shield sections (affects FringeCapacitance)
SeptumWidth	300,00		Width of the middle septum layer (affects ApproxImpedance)
CenterSectionLength	300,00		Length of the square center section of shields
SeptumCenterSectionLength	280,00		Length of the square center section of septum
TaperSectionLength	100,00		Tapered section horizontal length of shields
UpperHeight	100,00		Distance between septum and upper shield
LowerHeight	100,00		Distance between septum and lower shield
ShieldTaperEndWidth	12,00		For mounting the coaxial connectors
ShieldTaperEndHeight	6,00		
SeptumTaperEndWidth	6,00		
MaterialThickness	1,60		
Parameters below are calculated from inputs above			
SeptumTotalLength	500,00		Total length for the middle septum layer
UpperShieldTaperMaterialLength	139,32		Material length at the taper slope on each end of upper shield
LowerShieldTaperMaterialLength	139,32		
UpperShieldTotalLength	578,63		Total material length for upper shield
LowerShieldTotalLength	578,63		
FringeCapacitance	0,03	(empirical)	
ApproxImpedance	51,12	(ohm)	(valid only for UpperHeight = LowerHeight)
UpperTaperAngle	44,13		
LowerTaperAngle	44,13		

