Tutorial - 5

1. **The dimension of a coaxial transmission line are a = 4mm, b = 17.5mm and c = 20mm. The conductivity of the inner and the outer conductors is 2 x 10^7 S/m and the dielectric properties are $\mu_r = 1$, $\varepsilon_r = 3$ and $\sigma/\omega\varepsilon = 0.025$. Determine L, C , R , G and Z_o at 150 MHz**