





d C Vo sais Wt TR2
$= \frac{d}{dt} \mathcal{E}_{0} \cdot \frac{\mathcal{U}_{0} \mathcal{E}_{0} \mathcal{U}_{0}}{dt} \cdot \pi R^{2}$
= Eo. Uo. W. 17 R ² . cos (wt).
=) B 2TR = 80. 10. W TR 2. COS (Wt)
Br) = = 2 Eo Uo cos(wt). w. R. No.
dr-object konsya,, monuninoix dr.
$dV = \Pi R^2 d - \Pi (R + dR)^2 \cdot d = 2 \pi d \cdot R \cdot dr - \Pi \cdot d \cdot dr^2$
dV = 211d.RdR
$W_{M} = \begin{cases} \frac{8^{2}}{2M6} dV = \begin{cases} \frac{1}{2} & \epsilon_{0} & 0 & 0 \\ \frac{1}{2} & \epsilon_{0} & 0 & 0 \end{cases} $ $0 & \epsilon_{0} & \epsilon_$
-) WM = 1/2 802 1102. COS (Wt) 2 W2. R4. 16 . R.
2 WM 36 Eo . Uo . Cos(W D . W. R . 20. 1/
$\frac{1}{2} \frac{1}{2} \frac{1}$
2d 2 2 4 N/O D
=> WM Max = 1/16 & Us. W. R. 4 NO 17 - 1. E. NOW R
Wy max & Wo. Wo. TR2.
2d
$=\frac{1}{8}(\frac{\omega \ell}{c}).=5.10^{-3}$