$$U = \frac{\lambda}{2 \sin \epsilon_0} \ln \left( \frac{\gamma_0}{\alpha} \right) - \frac{\lambda}{2 \sin \epsilon_0} \ln \left( \frac{\gamma_0}{\delta} \right) = \frac{\lambda}{2 \sin \epsilon_0} \ln \left( \frac{\delta}{\alpha} \right)$$

$$\overline{E}(\gamma) = \frac{1}{2\pi i \epsilon_0 \gamma} \hat{e}_{\gamma} \quad \alpha \leq \gamma \leq b$$

$$\overline{I} = \begin{cases} \overline{\sigma} \overline{E}(v) \cdot dS = 2\pi x L \sigma = \frac{\lambda L \sigma}{\epsilon_0} = \frac{2\pi i u L}{\epsilon_0} = \frac{2\pi i u L}{\epsilon_0} = \frac{2\pi i u L}{\epsilon_0}$$

$$R = \frac{U}{\overline{I}} = \frac{\ln(\frac{b}{a})}{251L} = \frac{\ln(\frac{b}{a})}{62517L} = \frac{\ln(\frac{b}{a})}{62517L}$$