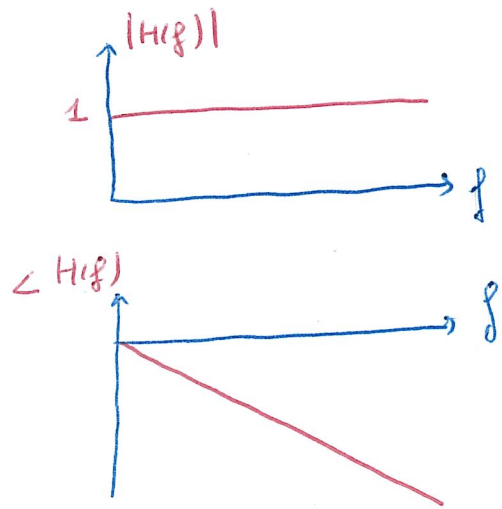
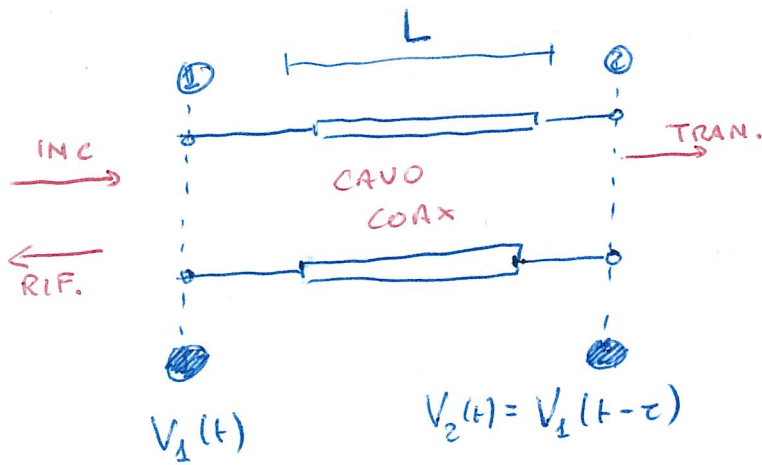
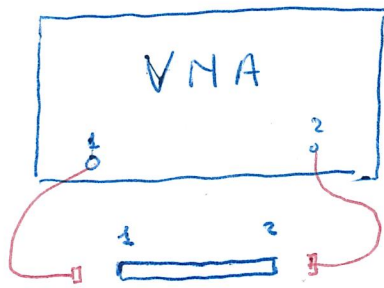


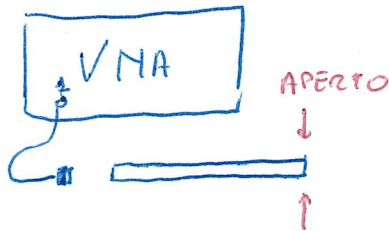
ESEMPIO DI RETE 2 PORTE: CAVO COASSIALE



$$V_2(f) = H(f) V_1(f) = e^{-j2\pi f \tau} V_1(f)$$

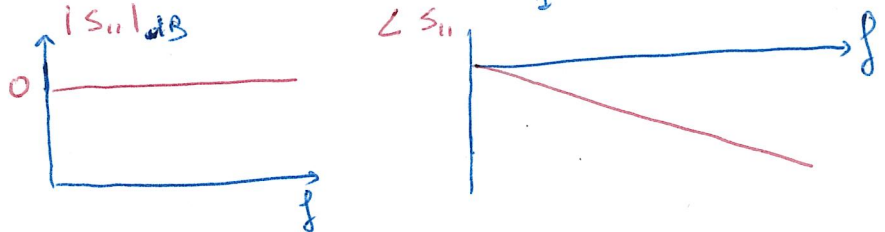


$$S_{21} = S_{12} = H(f)$$

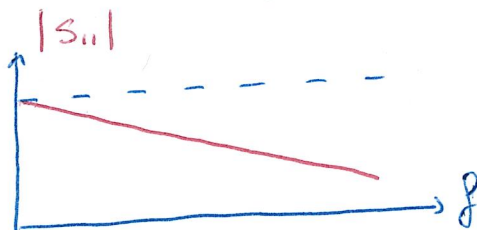


IDEALE

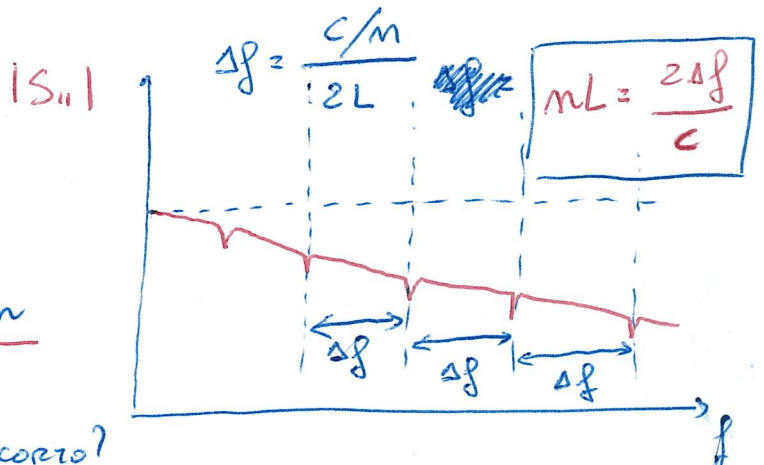
$$S_{11}(f) = \frac{V_1^-}{V_1^+} = e^{-j2\pi f 2\tau}$$



RADIAZIONE + PERDITE $\propto \sqrt{f}$



RIFLESSIONE A' CONNETTORI



SE $L = m \frac{\lambda}{2}$ RISONANZA

$$\lambda_m = \frac{2L}{m} \quad f_m = m \frac{c/m}{2L}$$

CHE SUCCEDERE SE CHIUDO SU UN CORTO?