

$$Z_R = 25 - j 100 \, \Omega \quad (Z_0 = 50 \, \Omega)$$

$$\text{Im}(Z_R) < 0$$

$$2\beta d_{\max} = 309.1^\circ$$

$$d_{\max} = 0.4293 \lambda$$

$$2\beta d_{\min} = 129.1^\circ$$

$$d_{\min} = 0.1793 \lambda$$

