







Example

Design a double-stub tuner using open-circuited stubs with a $\lambda/8$ spacing to match a load admittance $Y_L = (0.4 + j1.2)Y0$.

z_L = (0.4 - j1.2)/(1.6)=0.25-j0.75

Prof. Dr. Gökhan Çınar Autumn 2016



In-class 4

Design a double-stub tuner using short-circuited stubs with a 3\lambda/8 spacing to match a load admittance ZL = (50 + j50) Ω to a 50 Ω line.



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