

High Frequency Systems

Transmission Line Analysis using Smith Charts

<section-header> Transmission Line Analysis using Smith Charts Of find the input impedance of a lossless transmission-line using a Smith Charts Plot the normalized load impedance. Draw the constant [Г] circle. Rotate "Towards the Generator" (CW) the length of the line (in wavelengths referenced to the ½-wavelength scale provided in the outer band. Read the normalized input impedance.





































































