

1. Define – Characteristic Impedance

[M/J–2006, N/D–2006]

Characteristic impedance is defined as the impedance of a transmission line measured at the sending end. It is given by

$$Z_0 = \sqrt{Z/Y}$$

where $Z = R + j\omega L$ is the series impedance

$Y = G + j\omega C$ is the shunt admittance

2. State the line parameters of a transmission line.

The line parameters of a transmission line are resistance, inductance, capacitance and conductance.

Resistance (R) is defined as the loop resistance per unit length of the transmission line. Its unit is ohms/km.

Inductance (L) is defined as the loop inductance per unit length of the transmission line. Its unit is Henries/km.

Capacitance (C) is defined as the shunt capacitance per unit length between the two transmission lines. Its unit is Farad/km.

Conductance (G) is defined as the shunt conductance per unit length between the two transmission lines. Its unit is mhos/km.

3. What are the secondary constants of a line?

The secondary constants of a line are

- i. Characteristic impedance, $Z_0 = \sqrt{Z/Y}$
- ii. Propagation constant, $\gamma = \alpha + j\beta$

4. Why the line parameters are called distributed elements?

The line parameters R, L, C and G are distributed over the entire length of the transmission line. Hence they are called distributed parameters. They are also called primary constants.

The infinite line, wavelength, velocity, propagation & Distortion line, the telephone cable

5. What is an infinite line?

[M/J–2012, A/M–2004]

An infinite line is a line where length is infinite. For an infinite line, the input impedance is equal to its characteristic impedance. A finite line, which is terminated by characteristic impedance is also called infinite line.

6. Define – Propagation Constant

[N/D–2007, M/J–2009]

Propagation constant is defined as the natural logarithm of the ratio of the sending end current or voltage to the receiving end current or voltage of a line. It gives the manner in which the wave is propagated along the line. It specifies the variation of voltage and current in the line as a function of its length.

7. How does frequency distortion occur in a line?

[M/J–2007]

When signals having many frequency components are transmitted along a line, different frequency components have different attenuations. Hence the receiving end waveform will not be identical with the input waveform at the sending end. This type of distortion is called frequency distortion.

8. What is an equalizer in transmission line?

[A/M–2005]

An equalizer is a network whose frequency and phase characteristics are adjusted to the inverse the line. This results in a uniform frequency response over the desired frequency band. Hence the attenuation is equal for all the frequencies.

Ec2305 Transmission Line And Wave Guide

K Morrison



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Transmission Lines And Waveguide Uday A. Bakshi, Ajay V. Bakshi, 2008
Transmission Line Theory
Different types of transmission lines
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The transmission line as a cascade of T Sections
Definition of propagation constant
General solution of the transmission line
The two standard forms for voltage and current of a line terminated by an impedance
Physical significance of the equation and the infinite line
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Transmission Lines & Wave Guides B. Somanathan Nair, **Transmission Lines & Waveguides** Uday A. Bakshi, Late Ajay V. Bakshi, 2020-11-01
The book is written for an undergraduate course on the transmission lines and waveguides
It provides comprehensive coverage of four terminal networks filters transmission lines and various types of waveguides
The book starts with explaining the symmetrical and asymmetrical four terminal networks which form the basis of filters
Then book provides the detailed discussion of various types of filters
The discussion of composite filters and crystal filter is also included in the book
The book covers the transmission line parameters in detail along with reflection on a line reflection loss and reflection factor
The chapter on transmission line at radio frequency includes parameters of line at high frequency standing waves standing wave ratio single stub matching double stub matching and Smith chart
The book covers

the various aspects of guided waves between parallel planes It also provides the discussion of rectangular and circular waveguides At the end book incorporates the discussion of resonators Each chapter provides the detailed explanation of the topic practical examples and variety of solved problems The explanations are given using very simple and lucid language All the chapters are arranged in a specific sequence which helps to build the understanding of the subject in a logical fashion The book explains the philosophy of the subject which makes the understanding of the concepts very clear and makes the subject more interesting

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Transmission Lines & Wave Guides Bs Nair,2008-01-01 The book widely discusses the principle and analyses involved in transmission lines in general and wave guides in particular The book begins with introduction to Transmission line theory discussing various types of distortions reflection filters and continues with the transmission line at radio frequencies and related parameters Guided waves are discussed in different modes like TE TM and TEM before ending up with detailed explanations on different types of wave guides like rectangular circular cylindrical co axial lines and components like cavity resonators Features Lucid and simple to understand Elaborate explanation on the analysis supported with lot of diagrams Large number of problems to illustrate the theory Special attention given to problems using Smith Chart Appendices on filters and Maxwell s equations Contents Transmission line theory Transmission line at radio frequencies Guided waves Wave guides Theory of Filters m derived filters Maxwell s Equations

Transmission Lines and Wave Guides Nathaniel Herman Frank,Massachusetts Institute of Technology. Radiation Laboratory,1942

Electronic Transmission Technology William Sinnema,1988

Electric Transmission Line Fundamentals Edwin M. Anderson,1985

Transmission Line Theory - Waveguides - Coaxial Lines - Strip Transmission Lines - Filters and Cavities ,1971

Transmission Lines Richard Collier,2013-03-14 A rigorous and straightforward treatment of analog digital and optical transmission lines which avoids using complex mathematics

The Design of Transmission Lines and Waveguide Structures Using the Maximum Principle Jerry Don Burchfiel,MASSACHUSETTS INST OF TECH LEXINGTON LINCOLN LAB.,1968 A distributed parameter maximum principle provides the basis for design of optimal lossless impedance matching structures Given an arbitrary wide band source at $z = l$

and an arbitrary load at $z = 0$ the optimization procedure synthesizes a uniform cross section dielectric loaded waveguide or transmission line of length l which maximizes the real power delivered to the load This optimization is performed subject to constraints on the filler material $\mu_z = \mu_0$ and ϵ_z is in $\epsilon_1, \epsilon_2, \dots, \epsilon_n$ The solution is easily implemented as the filler consists of successive intervals of readily available dielectric materials An iterative numerical procedure for solving the split boundary function necessary conditions is given and a number of typical solutions for transmission line and waveguide couplers are presented In the examples studied the performance obtained using only ϵ_{MIN} and ϵ_{MAX} was within 0.2 percent of that obtained using a continuum of dielectric constants $\epsilon_{\text{MIN}}, \epsilon_{\text{MAX}}$ Author

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