Abstract

In this paper a survey of power line communications has been presented. As power line distribution networks are available in almost each building that is mainly used for the supply of electrical power, it will be very interesting if such media could be used for the transmission of data. The demand of low cost telecommunication, broadband and access to internet services is increasing day by day and applied a driven force leading to further research in the field of power
line communications. A number of organizations are working on power line communications and more advanced schemes are being proposed so that a new dimension could be added to the potential application of established wire line infrastructure.

References

Index Terms

Computer Science

Engineering and Technology

Keywords

Power Line Communication  Channel Model  Multiple Access Scheme