Abstract

The full form of RoF is Radio over Frequency technology. Present generation is the era of the network. Thus, the entire information interchanges over the network and the data traffic may occur on the network due to excessive data being transferred. Radio over Frequency is a technique that offers access to the bandwidth of channel. Hence, it is utilized to regulate traffic over the network in the condition of wireless networks. In this paper, mainly attention on communication channels such as ophthalmic wireless communication (OWC) and free space optics (FSO). Multiple encoding formats such as NRZ, CS-RZ, DRZ, and MDRZ are also discussed in this paper to transmit information along with modulation signals.

References


**Index Terms**

Computer Science Wireless

**Keywords**

RoF (Radio over Fiber), RAU, Radio Frequency, Radio Fiber, Base Stations, MU (Mobile Units)