Abstract

In the proposed design proposed a novel bi-conical antenna that is use for VHF as well as UHF range. The proposed antenna shows a wide band and cover VHF and UHF ranges whose frequencies is between 30 to above 310 MHz. The range of proposed design cover the television and radio communication range. Also shows the good result in terms of return loss that is (S-11) -52.27 dB as well as VSWR that is 1.02 and important parameter is percentage bandwidth is 142.85%. The proposed design shows good result as compared to other previous method’s results on the basis of basic of different antenna parameters such as VSWR, Return Loss and bandwidth.

References


Index Terms

Computer Science  Communications

Keywords

Returen loss (S-11), VSWR, UHF and VHF ranges.