Abstract

This paper presents a review on COFDM technique to combat transmission impairments for radio over fibre. COFDM is multicarrier modulation where its carrier spacing is carefully selected so that each subcarrier is orthogonal to the other subcarriers. In multimode fibres the effect of COFDM on modal dispersion is selected as material dispersion is very small compared to modal dispersion.
Reference

7. William Y. Zou, Yiyan Wu" COF'DM: AN OVERVIEW" (IEEE TRANSACTIONS ON BROADCASTING, VOL. 41, NO. I, MARCH 1995)

Index Terms

Computer Science Communications

Key words

Radio over fibre

COFDM

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