

Abstracts

Nonlinear distortion and crosstalk in microwave fiber-radio links

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Dispersion and fiber nonlinearities are potentially significant sources of impairment in fiber-radio links. An experimental study of second harmonic distortion and WDM crosstalk in externally modulated microwave fiber-radio links indicates that these impairments are much more significant than previously observed at CATV frequencies below 1 GHz.

[Return to main document.](#)