

Microwave Multiplexing Techniques for Wideband Lightwave Distribution Networks

R. Olshansky, V. Lanzisera and P. Hill. "Microwave Multiplexing Techniques for Wideband Lightwave Distribution Networks." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 901-903.

The use of microwave subcarriers is a promising new approach for providing wideband services in the subscriber network. Optical communications systems that carry 60 FM video channels in the 2.7 to 5.2 GHz band and 20 100 Mb/S FSK video channels in the 2 to 6 GHz band will be described. A hybrid system which carries a 140 Mb/s baseband signal plus 60 FM video channels will also be described.

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