

Abstracts

Millimeter-Wave Systems and Applications in Europe

H.H. Meinel. "Millimeter-Wave Systems and Applications in Europe." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 649-653.

Two major types of applications have to be distinguished in the millimeter-wave range: communication and radio-location. Millimeter-wave communication systems are used for railroad traffic control or telephone network enlargements, cellular radio is under investigation in the commercial area, while covert (LPI) communication has been developed for military purposes. The widest spread tasks are found in radar. The contact free measurement of velocity or distance for traffic control or industrial use are commercial applications, while intelligent seeker systems for terminal-guidance or 'smart'-weapons are military employments.

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