

Abstracts

A Cross-Shaped Horn and a Square Waveguide Polarizer for a Circularly Polarized Shaped Beam Antenna for a Broadcasting Satellite

N. Toyama. "A Cross-Shaped Horn and a Square Waveguide Polarizer for a Circularly Polarized Shaped Beam Antenna for a Broadcasting Satellite." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 299-301.

A cross-shaped horn and a square waveguide polarizer for a circularly polarized antenna for a broadcasting satellite are designed using a finite difference method and a beam contour of an offset parabolic reflector fed with three cross-shaped horns is given.

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