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Patent Number(s): CN202231131-U

Title: Rectangular shaped annular waveguide adapter for millimeter microwave and terahertz frequency range electronic system, has input waveguide, where axial lines input and output waveguides are arranged in parallel manner

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Abstract: NOVELTY - The adapter has an air medium transition section (2) arranged between an input rectangular waveguide (1) and an output annular waveguide (3). Axial lines the input rectangular waveguide and the output annular waveguide are arranged in parallel manner or overlapped manner, such that the medium transition section is column shaped. Cross section the medium transition section is round in shape. Size the input rectangular waveguide is less than or more than diameter cross section the medium transition section.

USE - Rectangular shaped annular waveguide adapter for a millimeter microwave and terahertz frequency range an electronic system.

ADVANTAGE - The adapter is simple in structure and convenient to process.

DESCRIPTION DRAWING(S) - The drawing shows a sectional view a rectangular shaped annular waveguide adapter.

Input rectangular waveguide (1)

Air medium transition section (2)

Output annular waveguide (3)

Derwent Class Code(s): W02 (Broadcasting, Radio and Line Transmission Systems)

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