

Abstracts

A 19-Way Isolated Power Divider via the TE/sub 01/ Circular Waveguide Mode Transition

M.H. Chen. "A 19-Way Isolated Power Divider via the TE/sub 01/ Circular Waveguide Mode Transition." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 511-513.

A 19-way waveguide isolated power divider has been developed with broad bandwidth, low insertion loss and high isolation. Its design allows a flexible number of output ports and uneven power distribution. It can be used as a feed network for an antenna array and, due to this power divider's high isolation characteristics, it can be used as a power combiner for a high power amplifier.

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