

The horn antenna is used in the transmission and reception of RF microwave signals, and the antenna is normally used in conjunction with waveguide feeds. Later this was followed by theoretical analysis of the horn antenna in 1939 by Barrow and Chu. The onset of World War 2 provided a significant level of impetus to the development of the horn antenna as it was suitable for use as a feed horn in radar antennas that were starting to be used.