

DISTRIBUTED-SOURCE HORN

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essary, such as for a 500-cps DSH. Such a horn is intended to be used with a driver having an opening one inch in diameter. If the vertical dimension of the mouth of the horn were held to one inch in order to eliminate vertical expansion, the width of the horn would have been excessive. The greater vertical dimension causes this horn to be a little more directional in the vertical plane than the 750-cps horn. Therefore, the throat tapers gradually from 1 to $1\frac{1}{4}$ inches in the first five inches from the flange, and thereafter continues at a vertical dimension of $1\frac{1}{4}$ inches.