

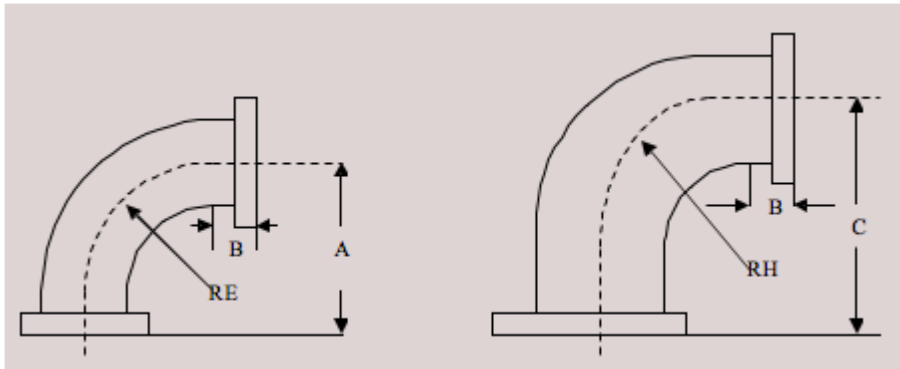


E-Plane Sweep



H-Plane Sweep

Mega Industries WR1800 sweep bends utilize the most advanced fabricating methods for the forming of precision waveguide bends. Strict adherence to EIA dimensional tolerance ensures a minimum reflection coefficient over the waveguide band. Pieces are available in full height (2:1 ratio) as well as reduced height configurations. Units are available for both high pressure and high vacuum applications. The radii listed below are the recommended dimensions for 90° bends.



Typical VSWR	1.05:1
A	21 in.
B	3 in.
RE	18 in.

Typical VSWR	1.05:1
C	39 in.
B	3 in.
RH	36 in.

Standard material used is 6016-T6 Aluminum; however these can also be supplied in Copper, Brass, Stainless Steel and Invar. Other radii and angles can be readily supplied to minimize system design costs.