



E-Plane Sweep



H-Plane Sweep

Mega Industries waveguide 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. Standard material used is 6061-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.

MEGA CATALOG NUMBERS:

SIZE	WR2300	WR2100	WR1800	WR1500	WR1150	WR975	WR770	WR650	WR430
E-PLANE	300404000	310404000	320404000	330403000	340403000	350403000	360403000	370403000	390403000
H-PLANE	300504000	310504000	320504000	330503000	340503000	350503000	360503000	370503000	390503000

SIZE	WR340	WR284	WR229	WR187	WR159	WR137	WR112	WR102	WR90
E-PLANE	400402000	410402000	420401000	430401000	440401000	450401000	460401000	470401000	480400000
H-PLANE	400502000	410502000	420501000	430501000	440501000	450501000	460501000	470501000	480500000

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