



Micro Communications, Inc.

Microwave A MICROWAVE TECHNIQUES COMPANY

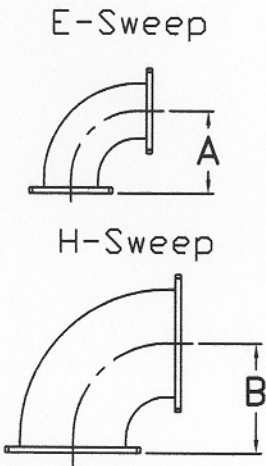
Waveguide "Sweep" Bends

- AVAILABLE IN 1/8 AND 1/4 WALL THICKNESS
- CHROMATE OR PAINTED
- CUSTOM FLANGE SIZES



MCI designs and manufactures standard and custom sweep bends in various radii and angles. Contact us regarding your application and we'll find your solution. All bends are electrical optimized for superior electrical performance over a restricted bandwidth (typically VSWR 1.02:1 over a 10% bandwidth).

Standard material used is 6061-T6 Aluminum but we also offer in Copper, Brass, Stainless Steel, and Invar. Bends are also available for both high pressure and high vacuum applications.



Waveguide Sweep Bends "H" and "E" Plane				
Size EIA WR	MCI Model # "E" Plane	"A"	MCI Model # "H" Plane	"B"
430	56042	8.00 (203.20)	56052	10.00 (254.00)
650	56044	8.00 (203.20)	56054	14.00 (355.60)
770	56045	8.00 (203.20)	56055	14.00 (355.60)
975	56046	12.00 (304.80)	56056	21.00 (533.40)
1150	56047	15.00 (381.00)	56057	27.00 (685.80)
1500	56048	15.00 (381.00)	56058	33.00 (838.20)
1800	56049	21.00 (609.60)	56059	39.00 (990.60)
2100	56040	27.00 (685.80)	56050	45.00 (1143.00)
2300	56041	27.00 (685.80)	56051	51.00 (1295.40)

Dimension in inches (mm)