



Micro Communications, Inc.

Microwave A MICROWAVE TECHNIQUES COMPANY

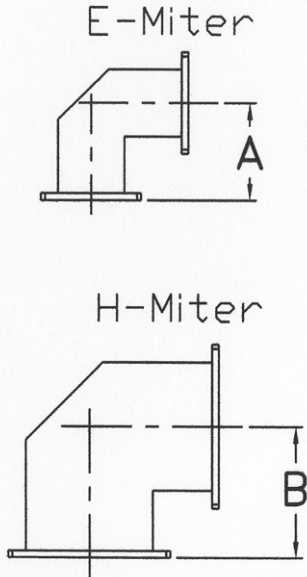
Waveguide "Miter" Bends

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



MCI designs and manufactures standard and custom miter bends in angles from 20 to 90 degrees. For angles less than 20, "Jogs" or "Flex waveguide can be utilized. Contact us regarding your application and we'll find the best 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 Miter Bends "H" and "E" Plane				
Size EIA WR	MCI Model # "E" Plane	"A"	MCI Model # "H" Plane	"B"
430	56022	6.00 (152.40)	56032	6.00 (152.40)
650	56024	6.00 (152.40)	56034	6.00 (152.4)
770	56025	6.00 (152.40)	56035	9.00 (228.60)
975	56026	9.00 (228.60)	56036	12.00 (304.80)
1150	56027	9.00 (228.60)	56037	12.00 (304.80)
1500	56028	9.00 (228.60)	56038	12.00 (304.80)
1800	56029	12.00 (304.80)	56039	18.00 (457.20)
2100	56020	15.00 (381.00)	56030	18.00 (457.20)
2300	56021	18.00 (457.20)	56031	18.00 (457.20)

Dimension in inches (mm)