



**Description**

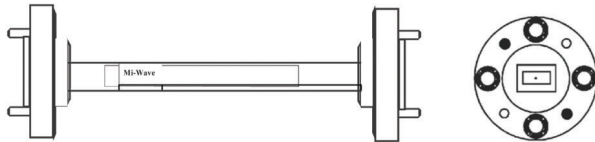
Mi-Wave's 690 Series flanged waveguide sections are available in standard waveguide sizes from 8 to 320 GHz. Each section is precisely fabricated using MIL-SPEC waveguide and flanges. Precise control of the fabrication processes eliminates waveguide discontinuities and distortion.

The 690 Series waveguide is available in a wide variety of materials. Available lengths are limited by raw waveguide which varies length with each waveguide size. Check with Mi-Wave's sales engineer for available lengths. Longer sections different wave-guide materials, and special flanges are all available upon request.

**Applications**

The 690 Series straight waveguide sections with standard flanges are used in operational millimeter wave transmission systems and as basic transmission sections in test and laboratory sets.

690B



Dimensional Specifications		
Model No.	Inside Dimensions	
	in.	mm
690Ku	0.622 x 0.311	15.80 x 7.90
690K	0.420 x 0.170	10.66 x 5.33
690A	0.280 x 0.140	7.12 x 3.56
690B	0.224 x 0.112	5.68 x 2.84
690U	0.188 x 0.094	4.78 x 2.39
690V	0.148 x 0.074	3.76 x 1.88
690E	0.122 x 0.061	3.0988 x 1.549
690W	0.100 x 0.050	2.54 x 1.27
690F	0.080 x 0.040	2.04 x 1.02
690D	0.065 x 0.0325	1.65 x 0.8255
690G	0.051 x 0.0255	1.30 x 0.650

WR 4.3, WR-3.4, WR-2.2 WR-1.0 available

**CUSTOM LENGTHS AVAILABLE**

\*Standard tolerances of +/- .020

**Ordering Information**

