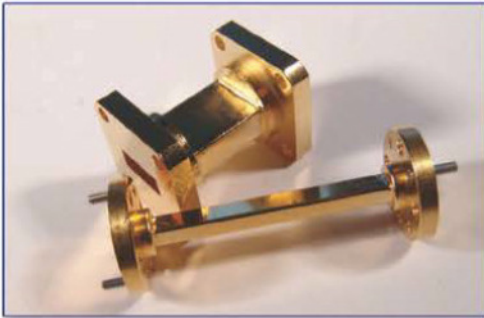


690 Series Flanged Waveguide Sections

MI-WAVE
Millimeter Wave Products Inc.

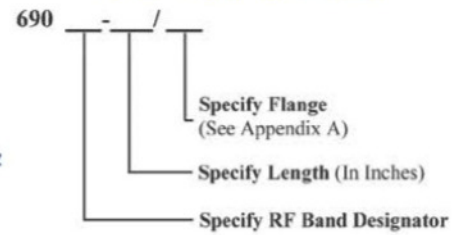


Features

- Available from 8 to 220 GHz
- Precision Fabricated to Meet Electrical & Mechanical Specifications

Flexguide Available from 8.2 to 50 GHz
Consult MI-Wave for Lengths, Materials and Jacketing.

Ordering Information



Description

Mi-Waves' 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 in length with each waveguide size. Check with an **Mi-Wave** sales engineer for available lengths. Longer sections, different waveguide materials, and special flanges are all available upon request.

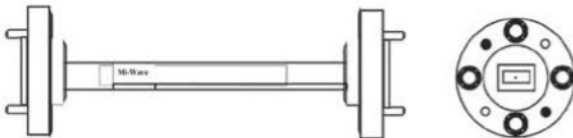
Application

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.

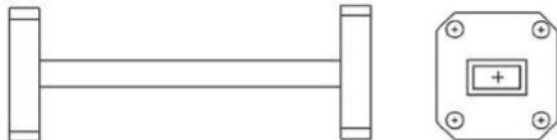


Flexible Waveguides Available

690B



690A



★ *Custom lengths with bends and twists can be fabricated from customer supplied designs.*

Dimensional Specifications

Model	Inside Dimensions	
Number	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	3.10 x 1.55
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 .8255
690G	0.051 x 0.0255	1.30 x 0.650