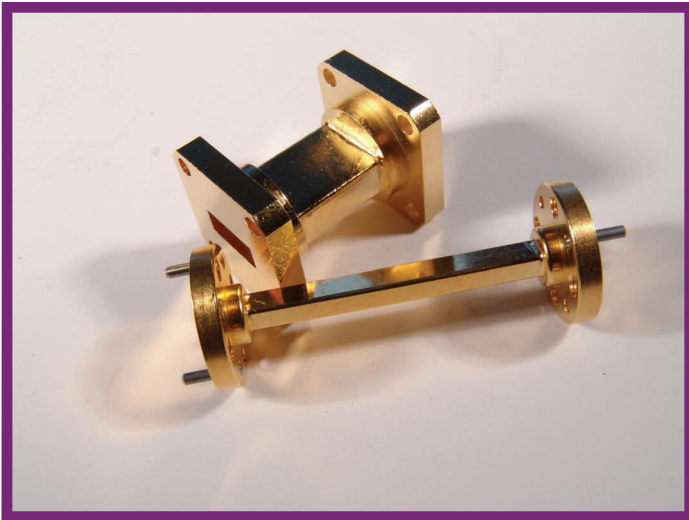


690 Series Flanged Waveguide Sections



Features

- Available from 12.4 to 220 GHz
- Precision Fabricated to Meet Electrical & Mechanical Specifications

Flexguide Available from 8.2 to 50 GHz

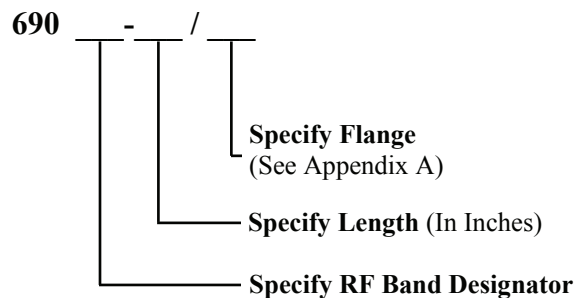
Consult Mi-Wave for Lengths, Materials and Jacketing.

Description 690 Waveguide Sections

Mi-Wave' 690 series flanged waveguide sections are available in standard waveguide sizes from 12.4 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.



Ordering Information



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.

Mi-Wave

Millimeter Wave Products Inc.

www.miww.com

2200 Tall Pines Drive, Suite 100

Largo, FL 33771

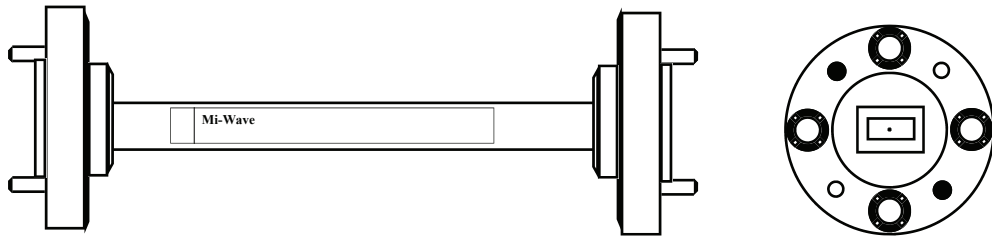
Tel. (727) 536-0033 Fax. (727) 536-0012

E: sales@miww.com

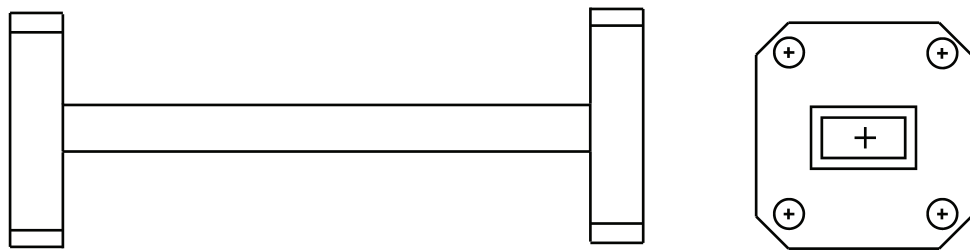
690 Series

Flanged Waveguide Sections

690B



690A



Dimensional Specifications

Model Number	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	3.10 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

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