

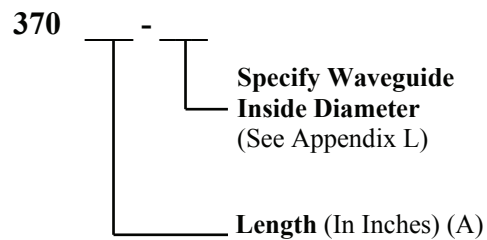
370-371 Series Flanged/Unflanged Circular Waveguides



Features

- Low VSWR
- Precision Size

Ordering Information



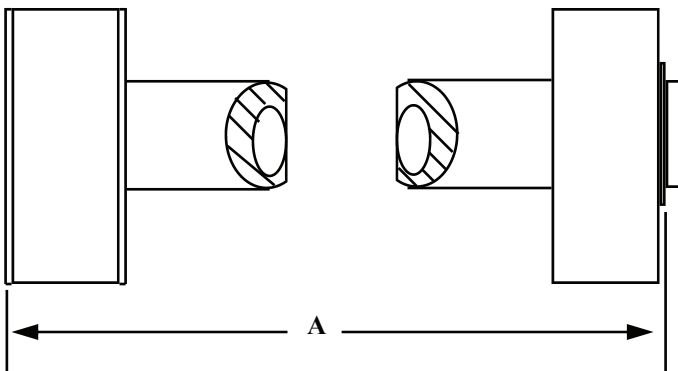
Description

370 Series Flanged Circular Waveguides
371 Series Unflanged Circular Waveguides

Mi-Wave's 370 series flanged waveguide and 371 series unflanged waveguide is available in standard sizes from 12.6 to 320 GHz. The 370 series waveguide sections are fitted with **Mi-Wave's** standard male/female flanges. Both waveguide types are manufactured primarily in copper. **Mi-Wave** recommends using the 340 series mode filters in any circular waveguide system to maintain mode purity.

For Example: **Mi-Wave's** model number 370-12.7-688 is a 12.7" section of circular waveguide for a frequency range of 25.3 to 34.9 GHz with an inside pipe diameter of 0.688 inches.

Please Note: Due to the non-standardization of this product line, we recommend that you contact **Mi-Wave** for more specific information about your requirements.



Mi-Wave

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370-371 Series Flanged/Unflanged Circular Waveguides

TE 01 Circular Waveguides

Standard Waveguide			MIL-W-23068 Circular Waveguide			
I.D. (inches)	O.D. (inches)	Frequency (GHz)	I.D. (inches)	O.D. (inches)	Frequency (GHz)	Type
1.500	X 1.750	11.6-16.0	1.500	X 1.700	11.6-16.0	WRC530D14
1.265	X 1.375	13.2-18.9	1.281	X 1.441	13.6-18.7	WRC621D14
1.106	X 1.250	15.9-21.9	1.094	X 1.224	15.9-21.9	WRC727D14
0.951	X 1.125	18.6-25.6	0.938	X 1.068	18.6-25.6	WRC849D14
0.686	X 0.750	25.3-34.9	0.797	X 0.897	21.9-30.1	WRC997D14
0.688	X 0.888	25.3-34.9	0.688	X 0.788	25.3-34.9	WRC116C14
0.634	X 0.750	27.3-38.0	0.594	X 0.674	29.3-40.4	WRC134C14
0.545	X 0.625	32.0-44.0	_____	_____	_____	N/A
0.495	X 0.625	34.8-48.0	0.500	X 0.580	34.8-48.0	WRC159C14
_____	_____	_____	0.438	X 0.518	39.8-54.8	WRC182C14
0.370	X 0.500	46.4-63.9	0.375	X 0.435	46.4-63.9	WRC212C14
0.353	X 0.438	50.0-68.0	0.328	X 0.388	53.1-73.1	WRC243C14
0.291	X 0.375	62.0-84.0	0.281	X .0341	61.9-85.2	WRC283C14
0.249	X 0.313	69.7-95.9	0.250	X 0.290	69.7-95.9	WRC318C14
0.201	X 0.290	86.0-115.0	0.219	X 0.259	79.6-110.0	WRC364C14
0.186	X 0.250	93.0-128.0	0.188	X 0.228	92.9-128.0	WRC424C14
_____	_____	_____	0.172	X 0.212	101.0-139.0	WRC463C14
_____	_____	_____	0.141	X 0.181	124.0-171.0	WRC566C14

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