



M2 Global manufactures a full product line of flanges covering Waveguide sizes WR10 – WR650. Additional material, sizes, and configurations are available upon request.

Flange options: CPR, CMR, Choke, Cover, Contact, Grooved, and Foreign Standards.

Flange material: Aluminum, Bronze, Copper, and Brass.

M2 Global stocks flanges, Waveguide tubing, cast E & H-Bends, and other Waveguide components.

### WR62

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Power (Watts)	Forward Power (Watts)	Mating Flange	Dimensions (in x in x in)	Part Number	Outline Drawing
12.700 - 13250	20	0.40	1.22	-30 to +75	1	1	WR62	0.50 x 1.57 x 0.88	998-127132-611	W30
14.400 - 15.000	20	0.40	1.22	-30 to +75	1	1	WR62	0.50 x 1.57 x 0.88	998-144150-611	W30
14.800 - 15.350	20	0.40	1.22	-30 to +75	1	1	WR62	0.50 x 1.57 x 0.88	998-148153-611	W30

### WR42

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Power (Watts)	Forward Power (Watts)	Mating Flange	Dimensions (in x in x in)	Part Number	Outline Drawing
17.700 - 19.700	20	0.30	1.22	-30 to +75	1	1	WR42	0.50 x 1.26 x 0.88	998-177197-711	W31
21.200 - 23.600	20	0.30	1.22	-30 to +75	1	1	WR42	0.50 x 1.26 x 0.88	998-212236-711	W31

### WR34

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Power (Watts)	Forward Power (Watts)	Mating Flange	Dimensions (in x in x in)	Part Number	Outline Drawing
30.000 - 31.000	20	0.35	1.22	-40 to +85	1	1	WR34	0.50 x 1.26 x 0.88	998-300310-813	W33

### WR28

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Power (Watts)	Forward Power (Watts)	Mating Flange	Dimensions (in x in x in)	Part Number	Outline Drawing
37.000 - 40.500	18	0.30	1.28	-30 to +75	1	1	WR28	0.50 x 1.25 x 0.73	998-370405-911	W32

\* Case Temperature Not To Exceed Operating Temperature