

All catalog part numbers are for devices with clockwise rotation, however, counter-clockwise rotation is available by request. Pressure sealing and RFI sealing are available for most models. Flanges are available with any combination of tapped and clear holes. The part numbers below are for all holes tapped unless otherwise noted. CPR grooved flanges are available for some models. Contact our Customer Service Representatives for special performance and unique mechanical configurations. We have many other designs not listed here on our website as we develop new designs almost on a daily basis.

### WR137

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Rating (Watts)	Mating Flanges	Dimensions (in x in x in)	Part Number	Outline Drawing
5.8 - 6.5	26	0.10	1.10	-20 to +65	10	CMR-137	3.25 x 2.76 x 1.53	994-037003-006	W10
5.800 - 7.125	26	0.10	1.10	+20 to +65	10	CMR-137	3.25 x 2.76 x 1.53	994-037003-007	W10
5.85 - 7.10	26	0.10	1.10	-20 to +65	10	CMR-137	3.25 x 2.76 x 1.53	994-037003-008	W10
5.925 - 7.125	26	0.10	1.10	-20 to +65	10	CMR-137	3.25 x 2.76 x 1.53	994-037003-005	W10
7.250 - 7.750	23	0.15	1.15	-20 to +65	10	CPR/CPRG-137	3.00 x 3.00 x 1.94	998-725775-102	W17

### WR112

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Rating (Watts)	Mating Flanges	Dimensions (in x in x in)	Part Number	Outline Drawing
7.100 - 7.750	26	0.10	1.10	-20 to +65	10	CPRG/CPRG-112	2.62 x 2.56 x 1.75	998-710775-201	W18
7.125 - 8.500	26	0.10	1.10	-20 to +65	10	CMR-112	2.62 x 2.31 x 1.38	094-037010-002	W11

### WR90

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Rating (Watts)	Mating Flanges	Dimensions (in x in x in)	Part Number	Outline Drawing
8.2 - 12.4	20	0.30	1.25	-20 to +65	5	UG135/U	2.25 x 2.25 x 1.62	994-037007-002	W12
9.0 - 9.2	20	0.15	1.25	-20 to +65	5	UG135/U	2.25 x 2.25 x 1.62	994-037006-002	W12
10.4 - 10.8	26	0.20	1.10	-20 to +65	5	UG135/U	2.25 x 2.25 x 1.62	994-037017-005	W12
10.5 - 11.8	26	0.20	1.10	-20 to +65	5	UG135/U	2.25 x 2.25 x 1.62	994-037017-006	W12
10.7 - 11.7	26	0.20	1.10	-20 to +65	5	UG135/U	2.25 x 2.25 x 1.62	994-037017-007	W12

### WR75

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Rating (Watts)	Mating Flanges	Dimensions (in x in x in)	Part Number	Outline Drawing
10.0 - 15.0	20	0.30	1.25	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	094-037014-001	W13
10.7 - 11.7	26	0.10	1.08	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	994-037018-004	W13
10.7 - 12.8	26	0.15	1.10	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	094-037020-001	W13
10.70 - 12.95	26	0.10	1.08	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	994-037020-007	W13
10.70 - 13.25	26	0.20	1.10	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	094-037012-001	W13

### WR75 (continued)

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Rating (Watts)	Mating Flanges	Dimensions (in x in x in)	Part Number	Outline Drawing
10.95 - 12.75	26	0.20	1.08	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	094-037025-001	W13
11.7 - 12.2	26	0.10	1.08	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	994-037027-003	W13
11.70 - 12.75	23	0.15	1.10	-40 to +70	3	WR75	1.75 x 1.75 x 1.50	994-037946-005	W13
12.0 - 13.0	26	0.10	1.08	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	994-037490-003	W13
12.0 - 13.7	26	0.15	1.20	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	994-037014-003	W13
12.2 - 12.8	26	0.20	1.10	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	094-037028-001	W13
12.7 - 15.4	20	0.20	1.15	-40 to +70	3	WR75	1.75 x 1.75 x 1.50	994-037306-005	W13
13.7 - 14.5	26	0.20	1.10	-20 to +65	50	WR75	1.75 x 1.75 x 1.50	998-137145-510	W14
13.7 - 14.5	26	0.10	1.10	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	998-137145-501	W13
13.8 - 14.7	26	0.20	1.10	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	094-037030-001	W13
14.0 - 14.5	23	0.15	1.10	-40 to +70	50	WR75	1.75 x 1.75 x 1.50	994-037635-007	W14
14.0 - 14.5	26	0.20	1.10	-20 to +65	3	WR75	1.75 x 1.75 x 1.50	094-037032-002	W13

### WR62

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Rating (Watts)	Mating Flanges	Dimensions (in x in x in)	Part Number	Outline Drawing
13.7 - 15.4	24	0.40	1.15	-20 to +65	20	UG1665/U	1.50 x 1.50 x 1.31	998-137154-601	W19
14.0 - 15.3	26	0.20	1.10	-20 to +65	3	UG1665/U	1.50 x 1.50 x 1.31	094-037694-001	W15
14.0 - 17.0	20	0.40	1.15	-20 to +65	3	UG1665/U	1.50 x 1.50 x 1.31	998-140170-601	W15
14.2 - 15.6	25	0.30	1.20	-20 to +65	3	UG1665/U	1.50 x 1.50 x 1.31	994-037033-006	W15
14.0 - 16.0	23	0.30	1.15	-20 to +65	3	UG1665/U	1.50 x 1.50 x 1.31	994-037033-007	W15
14.4 - 15.4	26	0.20	1.10	-20 to +65	40	UG1665/U	1.50 x 1.50 x 1.31	998-144154-601	W20
15.9 - 17.0	24	0.40	1.15	-20 to +65	3	UG1665/U	1.50 x 1.50 x 1.31	994-038019-004	W15

### WR42

Frequency Range (GHz)	Isolation (Max) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Termination Rating (Watts)	Mating Flanges	Dimensions (in x in x in)	Part Number	Outline Drawing
17.2 - 21.2	23	0.35	1.20	0 to +60	1	WR42	1.27 x 1.32 x 1.00	998-172212-701	W16
17.7 - 19.7	21	0.30	1.20	-20 to +65	1	WR42	1.27 x 1.32 x 1.00	994-037034-005	W16
18.25 - 19.50	21	0.20	1.15	-30 to +85	1	WR42	1.27 x 1.32 x 1.00	994-037034-006	W16
18.3 - 20.2	21	0.40	1.25	-30 to +85	1	WR42	1.27 x 1.32 x 1.00	994-037042-003	W16
19.3 - 20.3	23	0.30	1.15	-20 to +65	1	WR42	1.27 x 1.32 x 1.00	994-037034-007	W16
21.2 - 23.6	21	0.20	1.20	-30 to +85	1	WR42	1.27 x 1.32 x 1.00	094-037042-002	W16

\* Case Temperature Not To Exceed Operating Temperature