

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)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Mating Flange	Dimensions (in x in x in)	Part Number	Outline Drawing	Notes
5.8 - 6.5	0.10	1.10	-20 to +65	CMR-137	3.25 x 2.76 x 1.53	994-037002-016	W01	
5.800 - 7.125	0.10	1.10	+10 to +40	CMR-137	3.25 x 2.76 x 1.53	994-037002-017	W01	
5.85 - 7.10	0.10	1.10	-20 to +65	CMR-137	3.25 x 2.76 x 1.53	994-037002-018	W01	
5.9 - 7.2	0.15	1.10	-35 to +70	CMR-137	3.25 x 3.00 x 1.53	994-037900-002	W02	
5.925 - 7.125	0.10	1.10	-20 to +65	CMR-137	3.25 x 2.76 x 1.53	094-037002-001	W01	

WR112

Frequency Range (GHz)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Mating Flange	Dimensions (in x in x in)	Part Number	Outline Drawing	Notes
7.100 - 8.770	0.10	1.15	-10 to +75	CMR-112	2.62 x 2.31 x 1.38	997-710877-201	W03	
7.125 - 8.500	0.10	1.10	-20 to +65	CMR-112	2.62 x 2.31 x 1.38	094-037010-001	W03	

WR90

Frequency Range (GHz)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Mating Flange	Dimensions (in x in x in)	Part Number	Outline Drawing	Notes
8.2 - 12.4	0.30	1.25	-20 to +65	UG135/U	2.25 x 2.25 x 1.62	094-037006-001	W04	
9.1 - 9.2	0.20	1.15	-20 to +65	UG135/U	1.63 x 2.00 x 1.69	998-900920-402	W09	
9.32 - 9.45	0.15	1.25	-20 to +65	UG135/U	2.25 x 2.25 x 1.625	997-932945-401	W04	
10.4 - 10.8	0.20	1.10	-20 to +65	UG135/U	2.25 x 2.25 x 1.62	994-037017-003	W04	
10.5 - 11.8	0.20	1.10	-20 to +65	UG135/U	2.25 x 2.25 x 1.62	994-037017-004	W04	
10.7 - 11.7	0.20	1.10	-20 to +65	UG135/U	2.25 x 2.25 x 1.62	094-037017-001	W04	

WR75

Frequency Range (GHz)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Mating Flange	Dimensions (in x in x in)	Part Number	Outline Drawing	Notes
10.0 - 15.0	0.30	1.25	-20 to +65	WR75	1.75 x 1.75 x 1.50	994-037014-004	W05	
10.7 - 11.7	0.10	1.08	-20 to +65	WR75	1.75 x 1.75 x 1.50	994-037018-003	W05	
10.7 - 12.8	0.15	1.10	-20 to +65	WR75	1.75 x 1.75 x 1.50	994-037020-008	W05	
10.70 - 12.95	0.10	1.08	-20 to +65	WR75	1.75 x 1.75 x 1.50	994-037640-005	W05	
10.70 - 13.25	0.20	1.10	-20 to +65	WR75	1.75 x 1.75 x 1.50	094-037011-001	W05	
10.95 - 12.75	0.20	1.08	-20 to +65	WR75	1.75 x 1.75 x 1.50	094-037025-002	W05	
11.7 - 12.2	0.10	1.08	-20 to +65	WR75	1.75 x 1.75 x 1.50	994-037027-004	W05	
11.70 - 12.75	0.15	1.10	-40 to +70	WR75	1.75 x 1.75 x 1.50	994-037946-004	W05	
12.0 - 13.0	0.10	1.08	-30 to +60	WR75	1.75 x 1.75 x 1.50	994-037490-002	W05	
12.0 - 13.7	0.15	1.20	-20 to +65	WR75	1.75 x 1.75 x 1.50	994-037014-005	W05	
12.2 - 12.8	0.20	1.10	-20 to +65	WR75	1.75 x 1.75 x 1.50	994-037028-005	W05	
12.7 - 15.4	0.20	1.15	-40 to +70	WR75	1.75 x 1.75 x 1.50	994-037306-004	W05	
13.8 - 14.7	0.20	1.10	-20 to +65	WR75	1.75 x 1.75 x 1.50	094-037030-002	W05	
14.0 - 14.5	0.15	1.10	-40 to +70	WR75	1.75 x 1.75 x 1.50	994-037032-006	W05	

WR62

Frequency Range (GHz)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Mating Flange	Dimensions (in x in x in)	Part Number	Outline Drawing	Notes
13.5 - 14.5	0.35	1.20	-20 to +85	UG1665	1.50 x 1.50 x 1.31	997-135145-601	W06	
14.0 - 15.3	0.20	1.10	-20 to +65	UG1665	1.50 x 1.50 x 1.31	094-037033-001	W06	
14.0 - 16.0	0.30	1.15	-30 to +65	UG1665	1.50 x 1.50 x 1.31	994-037033-005	W06	
14.2 - 15.6	0.30	1.20	-20 to +65	UG1665	1.50 x 1.50 x 1.31	094-037033-002	W06	
15.9 - 17.0	0.40	1.15	-20 to +65	UG1665	1.50 x 1.50 x 1.31	094-038019-001	W06	

WR42

Frequency Range (GHz)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Mating Flange	Dimensions (in x in x in)	Part Number	Outline Drawing	Notes
17.6 - 19.8	0.20	1.22	-20 to +70	UG597	1.25 x 1.25 x 1.00	994-037034-004	W07	
17.7 - 19.7	0.30	1.20	-20 to +70	UG597	1.25x 1.25 x 1.00	094-037034-001	W07	
18.25 - 19.50	0.20	1.15	-30 to +85	UG597	1.25 x 1.25 x 1.00	994-037042-004	W07	
18.3 - 20.2	0.40	1.25	-30 to +85	UG597	1.25 x 1.25 x 1.00	994-037042-003	W07	
19.3 - 20.3	0.30	1.15	-20 to +70	UG597	1.25 x 1.25 x 1.00	994-037042-005	W07	
21.2 - 23.6	0.20	1.20	-30 to +85	UG597	1.25 x 1.25 x 1.00	094-037042-001	W07	
21.2 - 23.6	0.30	1.20	-30 to +60	UG597	1.00 x 1.15 x 0.88	994-038045-003	W08	

* Case Temperature Not To Exceed Operating Temperature