

## Double Ridge Waveguide Sizes

Designation				f <sub>L</sub> - f <sub>U</sub> * (GHz)	f <sub>C0</sub> ** (GHz)	Inside Width (in)	Inside Height (in)
(a)=aluminum, (b)=brass, (c)=copper, (s)=silver							
WR	U.S. Mil. _/_u	British Mil.	IEC				
WR975	RG204 (a)			0.75-1.12	0.605	9.75	4.875
WR770	RG205 (a)			0.96-1.45	0.766	7.7	3.85
WR650	RG69 (b)	WG6		1.12-1.70	0.908	6.5	3.25
	RG103 (a)						
WR510				1.45-2.20	1.157	5.1	2.55
WR430	RG104 (b)	WG8		1.70-2.60	1.372	4.3	2.15
	RG105 (a)						
WR340	RG112 (b)	WG9A		2.20-3.30	1.736	3.4	1.7
	RG113 (a)						
WR284	RG48 (b)	WG10		2.60-3.95	2.078	2.84	1.34
	RG75 (a)						
WR229	RG340 (c)	WG11A	R40	3.30-4.90	2.577	2.29	1.145
	RG341 (a)						
WR187	RG49 (b)	WG12	R48	3.95-5.85-	3.152	1.872	0.872
	RG95 (a)						
WR159	RG343 (c)	WG13	R58	4.90-7.05	3.712	1.59	0.795
	RG344 (a)						
WR137	RG50 (b)	WG14	R70	5.850-8.200	4.301	1.372	0.622
	RG106 (a)						
WR112	RG51 (b)	WG15	R84	7.050-10.000	5.26	1.122	0.497
	RG68 (a)						
WR90	RG52 (b)	WG16	R100	8.20-12.40	6.56	0.9	0.4
	RG67 (a)						
WR75	RG346 (c)	WG17		10.0-15.0	7.87	0.75	0.375
	RG347 (a)						
WR62	RG91 (b)	WG18		12.40-18.00	9.49	0.622	0.311
	RG349 (a)						
WR51	RG352 (c)	WG19		15.00-22.00	11.6	0.51	0.255
	RG351 (a)						
WR42	RG53 (b)	WG20		18.00-26.5	14.1	0.42	0.17
	RG121 (a)						
WR34	RG354 (c)			20.0-33.0	17.4	0.34	0.17
WR28	RG96 (s)	WG22		26.50-40.00	21.1	0.28	0.14
	RG271 (c)						
WR22	RG97 (s)	WG23		33.00-50.00	26.4	0.224	0.112
WR19		WG24		40.00-60.00	31.4	0.188	0.094
WR15	RG98 (s)	WG25		50.00-75.00	39.9	0.148	0.074
WR12	RG99 (s)	WG26		60.00-90.00	48.4	0.122	0.061
WR10		WG27		75.00-110.0	59	0.1	0.05
WR8	RG138 (s)	WG28		90.00-140.0	73.8	0.08	0.04
WR7	RG136 (s)			110.0-170.0	90.8	0.065	0.0325
WR4	RG137			170.0-260.0	137	0.043	0.0215
WR3	RG139 (s)			220.0-325.0	174	0.034	0.017

Courtesy of [everythingrf.com](http://everythingrf.com)