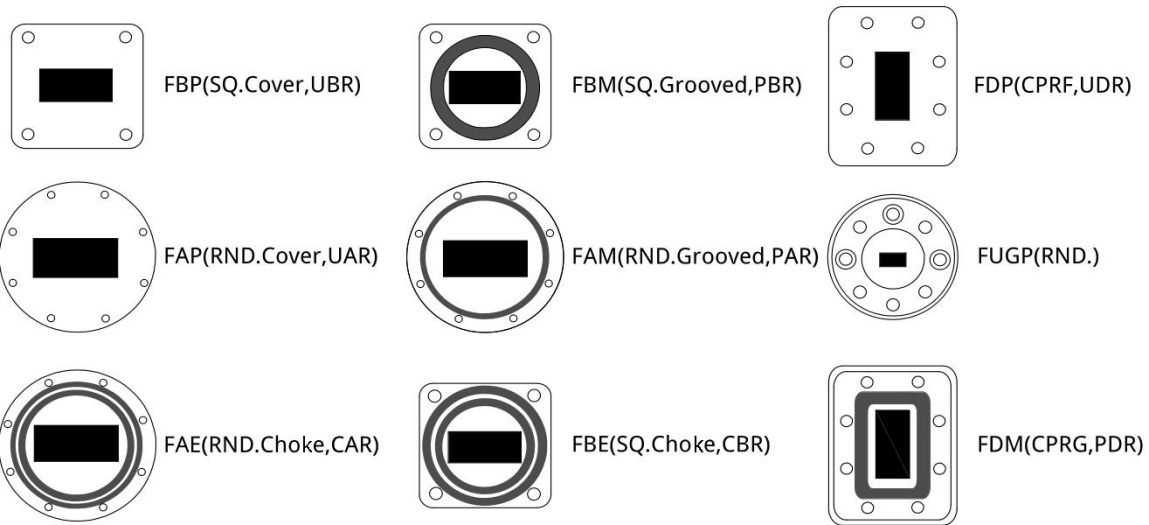


Rectangular Waveguide and Flange Cross Reference



Waveguide Type				Inside Dimensions (mm)	Frequency Range (GHz)	China Flange	EIA Flange	IEC Flange
China	EIA	UK	153-IEC					
BJ900	WR10	WG27	R900	2.54*1.27	73.8-112	FUGP900	UG387/UM	
BJ740	WR12	WG26	R740	3.0988*1.5494	60.5-91.9	FUGP740	UG387/U	
BJ620	WR15	WG25	R620	3.795*1.88	49.8-75.8	FUGP620	UG385/U	
BJ500	WR19	WG24	R500	4.775*2.388	39.2-59.6	FUGP500	UG383/UM	
BJ400	WR22	WG23	R400	5.69*2.845	32.9-50.1	FUGP400	UG-383/U	
BJ320	WR28	WG22	R320	7.12*3.556	26.3-40	FBP320	UG599/U	UBR320
BJ320	WR28	WG22	R320	7.12*3.556	26.3-40	FBM320	UG Grooved	PBR320
BJ320	WR28	WG22	R320	7.12*3.556	26.3-40	FBE320	UG600A/U	CBR320
BJ260	WR34	WG21	R260	8.636*4.318	21.7-33	FBP260		UBR260
BJ260	WR34	WG21	R260	8.636*4.318	21.7-33	FBM260		PBR260
BJ260	WR34	WG21	R260	8.636*4.318	21.7-33	FBE260		CBR260
BJ220	WR42	WG20	R220	10.668*4.318	17.6-26.7	FBP220	UG597/U UG595/U	UBR220
BJ220	WR42	WG20	R220	10.668*4.318	17.6-26.7	FBM220	UG Grooved	PBR220
BJ220	WR42	WG20	R220	10.668*4.318	17.6-26.7	FBE220	UG Choke	CBR220
BJ180	WR51	WG19	R180	12.95*6.477	14.5-22	FBP180		UBR180
BJ180	WR51	WG19	R180	12.95*6.477	14.5-22	FBM180		PBR180

Rectangular Waveguide and Flange Cross Reference

Waveguide Type				Inside Dimensions (mm)	Frequency Range (GHz)	China Flange	EIA Flange	IEC Flange
China	EIA	UK	153-IEC					
BJ180	WR51	WG19	R180	12.95*6.477	14.5-22	FBE180		CBR180
BJ140	WR62	WG18	R140	15.799*7.899	11.9-18	FBP140	UG1665/U UG419/U	UBR140
BJ140	WR62	WG18	R140	15.799*7.899	11.9-18	FBM140	UG Grooved	PBR140
BJ140	WR62	WG18	R140	15.799*7.899	11.9-18	FBE140	UG1666/U UG541A/U	CBR140
BJ120	WR75	WG17	R120	19.05*9.525	9.84-15	FDP120	CPR75F	UDR120
BJ120	WR75	WG17	R120	19.05*9.525	9.84-15	FDM120	CPR75G	PDR120
BJ120	WR75	WG17	R120	19.05*9.525	9.84-15	FBP120	UG Cover	UBR120
BJ120	WR75	WG17	R120	19.05*9.525	9.84-15	FBM120	UG Grooved	PBR120
BJ120	WR75	WG17	R120	19.05*9.525	9.84-15	FBE120	UG-136B/ UG-40B/U	CBR120
BJ100	WR90	WG16	R100	22.86*10.16	8.2-12.5	FDP100	CPR90F	UDR100
BJ100	WR90	WG16	R100	22.86*10.16	8.2-12.5	FDM100	CPR90G	PDR100
BJ100	WR90	WG16	R100	22.86*10.16	8.2-12.5	FBP100	UG135/U	UBR100
BJ100	WR90	WG16	R100	22.86*10.16	8.2-12.5	FBM100	UG 135 Grooved UG 39 Grooved	PBR100
BJ100	WR90	WG16	R100	22.86*10.16	8.2-12.5	FBE100	UG-136B/U UG 39 Grooved	CBR100
BJ84	WR112	WG15	R84	28.499*12.624	6.57-9.99	FDP84	CPR112F	UDR84
BJ84	WR112	WG15	R84	28.499*12.624	6.57-9.99	FDM84	CPR112G	PDR84
BJ84	WR112	WG15	R84	28.499*12.624	6.57-9.99	FBP84	UG138/U UG51/U	UBR84

Rectangular Waveguide and Flange Cross Reference

Waveguide Type				Inside Dimensions (mm)	Frequency Range (GHz)	China Flange	EIA Flange	IEC Flange
China	EIA	UK	153-IEC					
BJ84	WR112	WG15	R84	28.499*12.624	6.57-9.99	FBM84	UG138 Grooved UG51 Grooved	PBR84
BJ84	WR112	WG15	R84	28.499*12.624	6.57-9.99	FBE84	UG-137B/U UG-52B/U	CBR84
BJ70	WR137	WG14	R70	34.849*15.799	5.38-8.17	FDP70	CPR137F	UDR70
BJ70	WR137	WG14	R70	34.849*15.799	5.38-8.17	FDM70	CPR137G	PDR70
BJ70	WR137	WG14	R70	34.849*15.799	5.38-8.17	FAP70	UG441/U UG344/U	
BJ70	WR137	WG14	R70	34.849*15.799	5.38-8.17	FAM70		
BJ70	WR137	WG14	R70	34.849*15.799	5.38-8.17	FAE70		
BJ58	WR159	WG13	R58	40.386*20.193	4.64-7.05	FDP58	CPR159F	UDR58
BJ58	WR159	WG13	R58	40.386*20.193	4.64-7.05	FDM58	CPR159G	PDR58
BJ48	WR187	WG12	R48	47.549*22.149	3.94-5.99	FDP48	CPR187F	UDR48
BJ48	WR187	WG12	R48	47.549*22.149	3.94-5.99	FDM48	CPR187G	PDR48
BJ48	WR187	WG12	R48	47.549*22.149	3.94-5.99	FAP48	UG407/U	
BJ48	WR187	WG12	R48	47.549*22.149	3.94-5.99	FAM48		
BJ48	WR187	WG12	R48	47.549*22.149	3.94-5.99	FAE48	UG-406B/U UG-148C/U	
BJ40	WR229	WG11A	R40	58.17*29.08	3.22-4.9	FDP40	CPR229F	UDR40
BJ40	WR229	WG11A	R40	58.17*29.08	3.22-4.9	FDM40	CPR229G	PDR40
BJ32	WR284	WG10	R32	72.14*34.04	2.6-3.95	FDP32	CPR284F	UDR32
BJ32	WR284	WG10	R32	72.14*34.04	2.6-3.95	FDM32	CPR284G	PDR32
BJ32	WR284	WG10	R32	72.14*34.04	2.6-3.95	FAP32	UG584/U UG53/U	

Rectangular Waveguide and Flange Cross Reference

Waveguide Type				Inside Dimensions (mm)	Frequency Range (GHz)	China Flange	EIA Flange	IEC Flange
China	EIA	UK	153-IEC					
BJ32	WR284	WG10	R32	72.14*34.04	2.6-3.95	FAM32		
BJ32	WR284	WG10	R32	72.14*34.04	2.6-3.95	FAE32	UG-585 UG-54	
BJ26	WR340	WG9	R26	86.36*43.18	2.17-3.3	FDP26	CPR340F	UDR26
BJ26	WR340	WG9	R26	86.36*43.18	2.17-3.3	FDM26	CPR340G	PDR26
BJ22	WR430	WG8	R22	109.22*54.61	1.72-2.61	FDP22	CPR430F	UDR22
BJ22	WR430	WG8	R22	109.22*54.61	1.72-2.61	FDM22	CPR430G	PDR22
BJ18	WR510	WG7	R18	129.54*64.77	1.45-2.2	FDP18		UDR18
BJ14	WR650	WG6	R14	165.1*82.55	1.13-1.73	FDP14	CPR650F	UDR14
BJ14	WR650	WG6	R14	165.1*82.55	1.13-1.73	FDM14	CPR650G	PDR14
BJ12	WR770	WG5	R12	195.58*97.79	0.96-1.46	FDP12	CPR770F	UDR12
BJ9	WR975	WG4	R9	247.65*123.82	0.76-1.15	FDP9	CPR975F	UDR9
BJ9	WR975	WG4	R9	247.65*123.82	0.76-1.15	FDM9	CPR975G	PDR9
BJ8	WR1150	WG3	R8	292.1*146.05	0.64-0.98	FDP8		
BJ6	WR1500	WG2	R6	381*190.5	0.49-0.75	FDP6		
BJ5	WR1800	WG1	R5	457.2*228.6	0.41-0.62	FDP5		
BJ4	WR2100	N/A	R4	533.4*266.7	0.35-0.53	FDP4		
BJ3	WR2300	N/A	R3	584.2*292.1	0.32-0.49	FDP3		