

Waveguide pressure window

Keyee Microwave manufactures waveguide pressure window covering frequency from 0.3 to 110 GHz, which are used to seal waveguides at high pressure and prevent contaminants from entering the system. Waveguide pressure windows are designed to isolate pressurized sections from the non-pressurized sections in the waveguide systems. It can work under standard pressure and vacuum. Double ridged type are still available from WRD84 to WRD180.

For more information or any interested model, please contact our sales engineers.



Technical parameter

P/N	Freq Range(GHz)	VSWR(Max)	WG Type		Flange	Material
KY2300PW15CGA20	0.32-0.49	1.25	WG00	R3/WR2300	FDP/FDM	Al
KY2100PW15CGA20	0.35-0.53	1.25	WG0	R3/WR2100	FDP/FDM	Al
KY1800PW15CGA20	0.41-0.62	1.25	WG1	R5/WR1800	FDP/FDM	Al
KY1500PW15CGA20	0.49-0.75	1.25	WG2	R6/WR1500	FDP/FDM	Al



KY1150PW15CGA20	0.64-0.98	1.25	WG3	R8/WR1150	FDP/FDM	Al
KY975PW15CGA20	0.75-1.15	1.25	WG4	R9/WR975	FDP/FDM	Al
KY770PW15CGA20	0.96-1.46	1.25	WG5	R12/WR770	FDP/FDM	Al
KY650PW15CGA20	1.13-1.73	1.25	WG 6	R14/WR650	FDP/FDM	Al
KY510PW15CGA20	1.45-2.20	1.25	WG 7	R18/WR510	FDP/FDM	Al
KY430PW15CGA20	1.72-2.61	1.25	WG 8	R22/WR430	FDP/FDM	Al/Cu
KY340PW15CGA20	2.17-3.30	1.25	WG 9A	R26/WR340	FDP/FDM	Al/Cu
KY284PW15CGA20	2.60-3.95	1.25	WG 10	R32/WR284	FDP/FDM	Al/Cu
KY229PW15CGA20	3.22-4.90	1.25	WG 11A	R40/WR229	FDP/FDM	Al/Cu
KY187PW15CGA20	3.94-5.99	1.25	WG 12	R48/WR187	FDP/FDM	Al/Cu
KY159PW15CGA20	4.64-7.05	1.25	WG 13	R58/WR159	FDP/FDM	Al/Cu
KY137PW15CGA20	5.38-8.17	1.25	WG 14	R70/WR137	FDP/FDM	Al/Cu
KY112PW15CGA20	6.57-9.99	1.25	WG 15	R84/WR112	FBP/FBM/FBE	Al/Cu
KY90PW15CGA20	8.20-12.40	1.25	WG 16	R100/WR90	FBP/FBM/FBE	Al/Cu
KY75PW15CGA20	9.84-15.0	1.25	WG 17	R120/WR75	FBP/FBM/FBE	Al/Cu
KY62PW15CGA20	11.9-18.0	1.25	WG 18	R140/WR62	FBP/FBM/FBE	Al/Cu
KY51PW15CGA20	14.5-22.0	1.25	WG 19	R180/WR51	FBP/FBM/FBE	Al/Cu
KY42PW15CGA20	17.6-26.7	1.25	WG 20	R220/WR42	FBP/FBM/FBE	Al/Cu



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KY34PW15CGA20	21.7-33.0	1.25	WG 21	R260/WR34	FBP/FBM/FBE	Al/Cu
KY28PW15CGA20	26.5-40.0	1.25	WG 22	R320/WR28	FBP/FBM/FBE	Al/Cu
KY22PW15CGA20	32.9-50.1	1.3	WG 23	R400/WR22	FUGP	Cu
KY19PW15CGA20	39.2-59.6	1.3	WG24	R500/WR19	FUGP	Cu
KY15PW15CGA20	49.8-75.8	1.3	WG25	R/620WR15	FUGP	Cu
KY12PW15CGA20	60.5-91.9	1.3	WG26	R740WR12	FUGP	Cu
KY10PW15CGA20	73.8-112	1.3	WG27	R900/WR10	FUGP	Cu

Ordering P/N information
Example: KY90PW15CGA20

Numbers in P/N	Indicate
KY	Keyee Microwave
90	Waveguide size
PW	Waveguide pressure window
15	Thickness
C	Cover flange
G	Groove flange
A	Material
20	Power handling