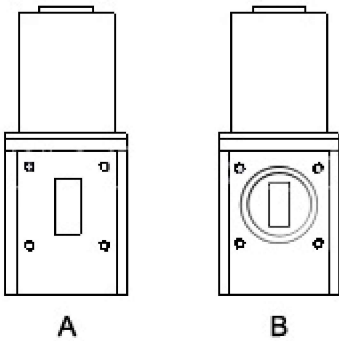


Electric high-performance Waveguide Switch series high-performance microwave waveguide switches, commonly used in the waveguide transmission system to change the signal path. Feature : Good Isolation Lost cost Application: Radar system, missile guidance, high-gain antenna and power synthesis system Other Technical Specifications: Isolation (dB) 40(Typ.) Insertion(dB) 0.3(Min) VSWR (dB) 1.15(Typ.) Switch Speed(ms) ≤ 300
Mechanical Specifications: Material Al/Cu Finish silver/gold/nickel/ passivation conductive oxide and the like Enviromental Specifations : Operating Temperature $-55 \sim +85^{\circ}\text{C}$



Outline Drawing:



Model List:

Waveguide			Freq. Range (GHz)	VSWR Max.	Insertion Loss(dB)	Isolation(dB)	Switching Speed(ms)	Material
E.I.A.	IEC	UK						
WR284	WG10	R32	2.60-3.95	1.15	0.3	40	≤300	Al/Cu
WR284	WG10	R32	2.60-3.95	1.15	0.3	40	≤300	Al/Cu
WR229	WG11A	R40	3.22-4.90	1.15	0.3	40	≤300	Al/Cu
WR229	WG11A	R40	3.22-4.90	1.15	0.3	40	≤300	Al/Cu
WR187	WG12	R48	3.94-5.99	1.15	0.3	40	≤300	Al/Cu
WR187	WG12	R48	3.94-5.99	1.15	0.3	40	≤300	Al/Cu
WR159	WG13	R58	4.64-7.05	1.15	0.3	40	≤300	Al/Cu
WR159	WG13	R58	4.64-7.05	1.15	0.3	40	≤300	Al/Cu
WR137	WG14	R70	5.38-8.17	1.15	0.3	40	≤300	Al/Cu
WR137	WG14	R70	5.38-8.17	1.15	0.3	40	≤300	Al/Cu
WR112	WG15	R84	6.57-9.99	1.15	0.3	40	≤300	Al/Cu
WR112	WG15	R84	6.57-9.99	1.15	0.3	40	≤300	Al/Cu
WR90	WG16	R100	8.20-12.4	1.15	0.3	40	≤300	Al/Cu
WR90	WG16	R100	8.20-12.4	1.15	0.3	40	≤300	Al/Cu
WR75	WG17	R120	9.84-15.0	1.15	0.3	40	≤300	Al/Cu
WR75	WG17	R120	9.84-15.0	1.15	0.3	40	≤300	Al/Cu
WR62	WG18	R140	11.9-18.0	1.15	0.3	40	≤300	Al/Cu
WR62	WG18	R140	11.9-18.0	1.15	0.3	40	≤300	Al/Cu
WR51	WG19	R180	14.5-22.0	1.15	0.3	40	≤300	Al/Cu
WR51	WG19	R180	14.5-22.0	1.15	0.3	40	≤300	Al/Cu
WR42	WG20	R220	17.6-26.7	1.15	0.3	40	≤300	Al/Cu
WR42	WG20	R220	17.6-26.7	1.15	0.3	40	≤300	Al/Cu
WR34	WG21	R260	21.7-33.0	1.15	0.3	40	≤300	Al/Cu
WR34	WG21	R260	21.7-33.0	1.15	0.3	40	≤300	Al/Cu
WR28	WG22	R320	26.5-40.0	1.15	0.3	40	≤300	Al/Cu
WR28	WG22	R320	26.5-40.0	1.15	0.3	40	≤300	Al/Cu
WR22	WG23	R400	32.9-50.1	1.2	0.5	40	≤300	Cu
WR22	WG23	R400	32.9-50.1	1.2	0.5	40	≤300	Cu
WR19	WG24	R500	39.2-59.6	1.2	0.5	35	≤300	Cu
WR19	WG24	R500	39.2-59.6	1.2	0.5	35	≤300	Cu
WR15	WG25	R620	49.8-75.8	1.2	1	30	≤300	Cu
WR15	WG25	R620	49.8-75.8	1.2	1	30	≤300	Cu
WR12	WG26	R740	60.5-91.9	1.2	1	30	≤300	Cu
WR12	WG26	R740	60.5-91.9	1.2	1	30	≤300	Cu
WR10	WG27	R900	73.8-112	1.2	1.5	30	≤300	Cu
WR10	WG27	R900	73.8-112	1.2	1.5	30	≤300	Cu

Test curve :

Note :
choice of Flange type



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