

Waveguide switches

Keyee Microwave manufactures waveguide switches covering WR650 to WR10 consists of two parts: a driving motor and a microwave system. The microwave system consists of a microwave rotor and a microwave stator, with a curved microwave channel inside the microwave rotor and a waveguide window around the microwave stator. The microwave rotor is installed in the microwave stator through bearings. There is a certain gap between the microwave rotor and the microwave stator, which can rotate back and forth under the drive of the motor.

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



Technical parameter

P/N	Freq.GHz	Input Power KW	VSWR	Insertion Loss	Iso.	Switching Time(ms)	Waveguide type		Type	Switch type
KY340WESDECA	2.17-3.30	20	1.1	0.1	70	500	WG 9A	WR340	DPDT/SPDT	Latching/fault safe
KY284WESDECA	2.60-3.95	10	1.1	0.1	70	300	WG 10	WR284	DPDT/SPDT	Latching/fault safe
KY229WESDECA	3.22-4.90	8	1.1	0.1	70	150	WG 11A	WR229	DPDT/SPDT	Latching/fault safe
KY187WESDECA	3.94-5.99	6	1.1	0.1	70	150	WG 12	WR187	DPDT/SPDT	Latching/fault safe



P/N	Freq.GHz	Input Power KW	VSWR	Insertion Loss	Iso.	Switching Time(ms)	Waveguide type		Type	Switch type
KY159WESDECA	4.64-7.05	5	1.1	0.1	70	150	WG 13	WR159	DPDT/SPDT	Latching/fault safe
KY137WESDECA	5.38-8.17	3	1.1	0.1	70	80	WG 14	WR137	DPDT/SPDT	Latching/fault safe
KY112WESDECA	6.57-9.99	2	1.1	0.1	70	80	WG 15	WR112	DPDT/SPDT	Latching/fault safe
KY90WESDECA	8.20-12.4	1	1.1	0.1	70	80	WG 16	WR90	DPDT/SPDT	Latching/fault safe
KY75WESDECA	9.84-15.0	0.6	1.1	0.1	70	80	WG 17	WR75	DPDT/SPDT	Latching/fault safe
KY62WESDECA	11.9-18.0	0.5	1.15	0.15	60	80	WG 18	WR62	DPDT/SPDT	Latching/fault safe
KY51WESDECA	14.5-22.0	0.3	1.15	0.2	60	80	WG 19	WR51	DPDT/SPDT	Latching/fault safe
KY42WESDECA	17.6-26.7	0.2	1.15	0.2	60	80	WG 20	WR42	DPDT/SPDT	Latching/fault safe
KY34WESDECA	21.7-33	0.15	1.15	0.2	60	80	WG 21	WR34	DPDT/SPDT	Latching/fault safe
KY28WESDECA	26.3-40	0.1	1.15	0.2	60	80	WG 22	WR28	DPDT/SPDT	Latching/fault safe
KY22WESDECA	33-50	0.08	1.15	0.3	45	80	WG 23	WR22	DPDT/SPDT	Latching/fault safe
KY19WESDECA	40-60	0.06	1.2	0.5	45	80	WG24	WR19	DPDT/SPDT	Latching/fault safe
KY15WESDECA	55-65	0.05	1.2	0.5	45	80	WG25	WR15	DPDT/SPDT	Latching/fault safe

Ordering P/N information
Example: KY90WESDECA

Numbers in P/N	Indicate
KY	Keyee Microwave
90	Waveguide size
WES	Waveguide Electrical Switch
D	DPDT
E	E-plane
C	Cover flange
A	Material