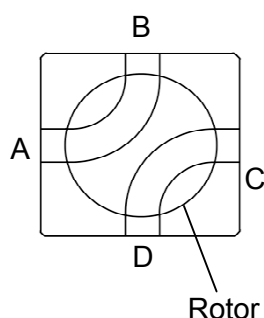


Waveguide Switches



These Waveguide Switches switch rectangular waveguide circuits. The rotor in the switch rotates 90 degree and switches from A-B/C-D connection to B-C/D-A connection.

The tetrahedral open configuration enables easy installation in systems.

Motor driven switches are also available manual switching.

Manual Switching Type

Model	Frequency (GHz)	VSWR	Insertion Loss (dB)	Leak (dB)	Waveguide	Measuring Frequency (GHz)	Length L(mm)
WGSA-016	0.5~0.8	1.1	0.1	-60	WRJ-1500	0.5~0.8	-
WGSA-026	1.7~2.5	1.1	0.1	-60	WRJ-2	1.7~2.5	200
WGS-046	3.3~4.9	1.1	0.1	-60	WRJ-4	3.3~4.9	150
WGS-056	3.95~5.85	1.1	0.1	-60	WRJ-5	3.95~5.85	120
WGS-066	4.9~7.05	1.1	0.1	-60	WRJ-6	4.9~7.05	100
WGS-076	5.8~8.2	1.1	0.1	-60	WRJ-7	5.8~8.2	90
WGS-096	7.05~10.0	1.1	0.1	-60	WRJ-9	7.05~10.0	80
WGS-106	8.2~12.4	1.1	0.2	-60	WRJ-10	8.2~12.4	70
WGS-126	10.0~15.0	1.15	0.2	-60	WRJ-120	10.0~15.0	60
WGS-156	12.4~18.0	1.2	0.2	-60	WRJ-140	12.4~18.0	60
WGS-186	15.0~22.0	1.2	0.3	-50	WRJ-180	15~22.0	50
WGS-246	18.0~26.5	1.2	0.3	-50	WRJ-220	18~26.5	50
WGS-346	26.5~40.0	1.2	0.3	-50	WRJ-320	26.5~40.0	50
WGS-506	40~60	1.2	-	-50	WRJ-500	50	40
WGS-606	50~75	1.2	-	-40	WRJ-620	65	40
WGS-756	60~90	1.2	-	-40	WRJ-740	70	40
WGS-956	75~110	1.2	-	-40	WRJ-900	90	40

Motor Driven Switching Type (DC24V)

Model	Frequency (GHz)	VSWR	Insertion Loss (dB)	Leak (dB)	Waveguide	Measuring Frequency (GHz)	Length L(mm)
WGSA-047	3.4~4.3	1.07	0.1	-70	WRJ-4	3.4 3.9 4.3	150
WGSA-057	4.4~5.1	1.05	0.1	-70	WRJ-5	4.4 4.75 5.1	120
WGSA-067	5.9~6.5	1.05	0.1	-70	WRJ-6	5.9 6.2 6.5	100
WGSA-077	6.4~7.2	1.05	0.1	-70	WRJ-7	6.4 6.8 7.2	90
WGSA-097	8.8~9.6	1.05	0.1	-70	WRJ-9	8.8 9.2 9.6	80
WGSA-107	8.8~11.7	1.07	0.1	-70	WRJ-10	8.8 10.3 11.7	70
WGSA-127	12.0~13.5	1.07	0.2	-70	WRJ-120	12.0 12.75 13.5	60
WGSA-157	12.4~15.0	1.07	0.2	-70	WRJ-140	12.4 13.7 15.0	60
WGSA-247	18.0~25.0	1.07	0.3	-70	WRJ-220	22	50
WGSA-267	22.0~33.0	1.07	0.3	-70	WRJ-260	28	50
WGSA-347	27.0~360	1.07	0.3	-70	WRJ-320	33	50
WGSA-027 *	1.7~2.5	1.1	0.1	-60	WRJ-2	1.7~2.5	200

Power Supply : DC24V

Switching Time : 0.5sec max. * : 1sec. max.

The Future of Wave Technology



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