

Waveguide sweep bend

Keyee Microwave manufactures full wide band waveguide bend covering WR2300 to WR10. Sweep and mitered bend can be offered. Default is sweep. Material includes brass and Al. Arc and dimension is customized based on your system requirement.

For more info, please contact sales engineer.



Technical parameter

P/N	WG type		Flange	Freq. (GHz)	VSWR	Material
KY2300WSB100*100HCGA	WG00	R3/WR2300	FDP/FDM	0.32-0.49	1.1	Al
KY2100WSB100*100HCGA	WG0	R3/WR2100	FDP/FDM	0.35-0.53	1.1	Al
KY1800WSB100*100HCGA	WG1	R5/WR1800	FDP/FDM	0.41-0.62	1.1	Al



KY1500WSB100*100HCGA	WG2	R6/WR1500	FDP/FDM	0.49-0.75	1.1	Al
KY1150WSB100*100HCGA	WG3	R8/WR1150	FDP/FDM	0.64-0.98	1.1	Al
KY975WSB100*100HCGA	WG4	R9/WR975	FDP/FDM	0.75-1.15	1.1	Al
KY770WSB100*100HCGA	WG5	R12WR770	FDP/FDM	0.96-1.46	1.1	Al
KY650WSB100*100HCGA	WG 6	R14/WR650	FDP/FDM	1.12 - 1.70	1.1	Al
KY510WSB100*100HCGA	WG 7	R18/WR510	FDP/FDM	1.45-2.20	1.1	Al
KY430WSB100*100HCGA	WG 8	R22/WR430	FDP/FDM	1.70 - 2.60	1.1	Al
KY340WSB100*100HCGA	WG 9A	R26/WR340	FDP/FDM	2.17-3.30	1.1	Al
KY284WSB100*100HCGA	WG 10	R32/WR284	FDP/FDM	2.60 - 3.95	1.1	Al
KY229WSB100*100HCGA	WG 11A	R40/WR229	FDP/FDM	3.30 - 4.90	1.1	Al
KY187WSB100*100HCGA	WG 12	R48/WR187	FDP/FDM	3.95 - 5.85	1.1	Al
KY159WSB100*100HCGA	WG 13	R58/WR159	FDP/FDM	4.90 - 7.05	1.1	Al
KY137WSB100*100HCGA	WG 14	R70/WR137	FDP/FDM	5.85 - 8.20	1.1	Al
KY112WSB100*100HCGA	WG 15	R84/WR112	FBP/FBM/FBE	7.05 - 10.0	1.1	Al
KY90WSB100*100HCGA	WG 16	R100/WR90	FBP/FBM/FBE	8.20 - 12.4	1.1	Al/Cu
KY75WSB100*100HCGA	WG 17	R120/WR75	FBP/FBM/FBE	10.0 - 15.0	1.1	Al/Cu
KY62WSB100*100HCGA	WG 18	R140/WR62	FBP/FBM/FBE	12.4 - 18.0	1.1	Al/Cu



KY51WSB100*100HCGA	WG 19	R180/WR51	FBP/FBM/FBE	15.0 - 22.0	1.1	Al/Cu
KY42WSB100*100HCGA	WG 20	R220/WR42	FBP/FBM/FBE	18.0 - 26.5	1.1	Al/Cu
KY34WSB100*100HCGA	WG 21	R260/WR34	FBP/FBM/FBE	22.0 - 33.0	1.1	Al/Cu
KY28WSB100*100HCGA	WG 22	R320/WR28	FBP/FBM/FBE	26.5 - 40.0	1.1	Al/Cu
KY22WSB100*100HCGA	WG 23	R400/WR22	FUGP	33.0 - 50.0	1.1	Cu
KY19WSB100*100HCGA	WG24	R500/WR19	FUGP	40-60	1.1	Cu
KY15WSB100*100HCGA	WG25	R/620WR15	FUGP	55-65	1.1	Cu
KY12WSB100*100HCGA	WG26	R740WR12	FUGP	60-90	1.1	Cu
KY10WSB100*100HCGA	WG27	R900/WR10	FUGP	70-112	1.1	Cu

Ordering P/N information
Example: KY90WSB100*100HCGA

Numbers in P/N	Indicate
KY	Keyee Microwave
90	Waveguide size
WSB	Waveguide Sweep bend
100*100	Dimension
H	H bend
C	Cover flange
G	Groove flange
A	Material