



KEYEE MICROWAVE TECHNOLOGY CO., LTD.

Waveguide broadwall directional coupler

Keyee Microwave manufactures waveguide broadwall directional coupler covers the full waveguide frequency and is available in either aluminum or copper/brass construction. Coupling options from 3-80dB.

Broadwall coupler input port can be flange and coaxial connector types and configurations to cover all requirements you may have for microwave couplers. For more info, please contact sales engineer.

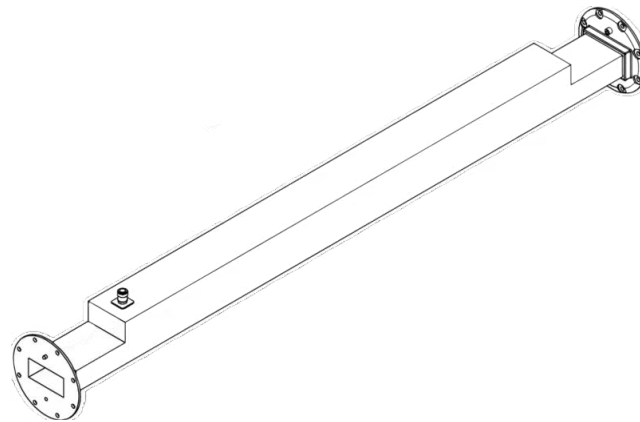
Features:

Standard and Double ridged

High directivity

Input: Flange and coaxial optional

Full range





Technical parameter

P/N	WG Size		Flange	Freq. (GHz)	Coupling(dB)	Input port
KY650SBWDC30CGSFA	WG 6	R14/WR650	FDP/FDM	1.12 - 1.70	10-60	Flange/ Coax.
KY510SBWDC30CGSFA	WG 7	R18/WR510	FDP/FDM	1.45-2.20	10-60	Flange/ Coax.
KY430SBWDC30CGSFA	WG 8	R22/WR430	FDP/FDM	1.70 - 2.60	10-60	Flange/ Coax.
KY340SBWDC30CGSFA	WG 9A	R26/WR340	FDP/FDM	2.17-3.30	10-60	Flange/ Coax.
KY284SBWDC30CGSFA	WG 10	R32/WR284	FDP/FDM	2.60 - 3.95	10-60	Flange/ Coax.
KY229SBWDC30CGSFA	WG 11A	R40/WR229	FDP/FDM	3.30 - 4.90	10-60	Flange/ Coax.
KY187SBWDC30CGSFA	WG 12	R48/WR187	FDP/FDM	3.95 - 5.85	10-60	Flange/ Coax.
KY159SBWDC30CGSFA	WG 13	R58/WR159	FDP/FDM	4.90 - 7.05	10-60	Flange/ Coax.
KY137SBWDC30CGSFA	WG 14	R70/WR137	FDP/FDM	5.85 - 8.20	10-60	Flange/ Coax.
KY112SBWDC30CGSFA	WG 15	R84/WR112	FBP/FBM/FBE	7.05 - 10.0	10-60	Flange/ Coax.
KY90SBWDC30CGSFA	WG 16	R100/WR90	FBP/FBM/FBE	8.20 - 12.4	10-60	Flange/ Coax.
KY75SBWDC30CGSFA	WG 17	R120/WR75	FBP/FBM/FBE	10.0 - 15.0	10-60	Flange/ Coax.
KY62SBWDC30CGSFA	WG 18	R140/WR62	FBP/FBM/FBE	12.4 - 18.0	10-60	Flange/ Coax.
KY51SBWDC30CGSFA	WG 19	R180/WR51	FBP/FBM/FBE	15.0 - 22.0	10-60	Flange/ Coax.
KY42SBWDC30CGSFA	WG 20	R220/WR42	FBP/FBM/FBE	18.0 - 26.5	10-60	Flange/ Coax.



KY34SBWDC30CGSFA	WG 21	R260/WR34	FBP/FBM/FBE	22.0 - 33.0	10-60	Flange/ Coax.
KY28SBWDC30CGSFA	WG 22	R320/WR28	FBP/FBM/FBE	26.5 - 40.0	10-60	Flange/ Coax.
KY22SBWDC30CGSFA	WG 23	R400/WR22	FUGP	33.0 - 50.0	10-60	Flange/ Coax.
KY19SBWDC30CGSFA	WG24	R500/WR19	FUGP	40-60	10-60	Flange/ Coax.

Ordering P/N information
Example: KY650SBWDC30CGSFA

Numbers in P/N	Indicate
KY	Keyee Microwave
650	Waveguide size
S	Single wall
BWDC	Broadwall waveguide directional coupler
30	Coupling
C	Cover flange
G	Groove flange
SF(SMA female)	Coaxial connector type
A	Material