



KEYEE MICROWAVE TECHNOLOGY CO., LTD.



Keyee Microwave Technology Co., Ltd.
Manufacturer of Waveguide components

With over 10 years experience, Keyee Microwave designs and manufactures precision passive microwave components and solutions.

The components and sub-systems required to deliver, test, measure and calibrate systems manufactured from our company ranging 0.3 to 110GHz.

With a rich experience on waveguide industry in terrestrial, commercial, military and space. Detailed field including below.

Electrical Warfare

Weather/Meteorology

SATCOM & Spaceflight

Test & Measurement

R&D & Academia Lab

Telecommunications 5G & 6G

Aerospace & Defence

Industrial microwave drying

Keyee Microwave founded in 2013 combined with highly experienced engineers supporting us to gain good reputation especially on quality, reliability and performance.

Keyee Microwave components meets RoHS, IP65 and military standard. As well as obtain the quality certificate in same year.



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Passive waveguide components

Waveguide to coaxial transition

Keyee Microwave manufactures Waveguide to Coaxial transition cover a full frequency range from rectangular waveguides to circular waveguide with selected flange and coaxial connector types and configurations, which is used to mode transfer from waveguide to coaxial type.

Features:

Standard and double ridged optional

Full range components

Low insertion and return loss

Standard and Precision VSWR

Low, Medium and high power handling optional



P/N	FreqRange (GHz)	VSWR (Max)	Dimensions L*B*A (mm)	Waveguide Type		Flange	Material
KY975WTCANFCA	0.75-1.15	1.25	231*212*336	WG4	R9/WR975	FDP/FDM	Al
KY770WTCANFCA	0.96-1.46	1.25	166*187*285	WG5	R12/WR770	FDP/FDM	Al
KY650WTCANFCA	1.13-1.73	1.25	150*138*220	WG 6	R14/WR650	FDP/FDM	Al
KY510WTCANFCA	1.45-2.20	1.25	120*120*185	WG 7	R18/WR510	FDP/FDM	Al/Cu
KY430WTCANFCA	1.72-2.61	1.25	100*106*161	WG 8	R22/WR430	FDP/FDM	Al/Cu
KY340WTCANFCA	2.17-3.30	1.25	90*95*138	WG 9A	R26/WR340	FDP/FDM	Al/Cu
KY284WTCANFCA	2.60-3.95	1.25	72*76*114	WG 10	R32/WR284	FDP/FDM	Al/Cu
KY229WTCANFCA	3.22-4.90	1.25	65*70*98	WG 11A	R40/WR229	FDP/FDM	Al/Cu



KY187WTCANFCA	3.94-5.99	1.25	54*63*89	WG 12	R48/WR187	FDP/FDM	Al/Cu
KY159WTCANFCA	4.64-7.05	1.25	50*62*81	WG 13	R58/WR159	FDP/FDM	Al/Cu
KY137WTCANFCA	5.38-8.17	1.25	48*49*68	WG 14	R70/WR137	FDP/FDM	Al/Cu
KY112WTCASFCA	6.57-9.99	1.25	40*48*48	WG 15	R84/WR112	FBP/FBM/FBE	Al/Cu
KY90WTCASFCA	8.20-12.4	1.25	38*41*41	WG 16	R100/WR90	FBP/FBM/FBE	Al/Cu
KY75WTCASFCA	9.84-15.0	1.25	30*38*38	WG 17	R120/WR75	FBP/FBM/FBE	Al/Cu
KY62WTCASFCA	11.9-18.0	1.25	27*33*33	WG 18	R140/WR62	FBP/FBM/FBE	Al/Cu
KY51WTCAKFCA	14.5-22.0	1.25	27*30*30	WG 19	R180/WR51	FBP/FBM/FBE	Al/Cu
KY42WTCAKFCA	17.6-26.7	1.25	25*22*22	WG 20	R220/WR42	FBP/FBM/FBE	Al/Cu
KY34WTCA1.0FCA	21.7-33	1.25	33*21*21	WG 21	R260/WR34	FBP/FBM/FBE	Al/Cu
KY28WTCANFCA	26.3-40	1.25	25*19*19	WG 22	R320/WR28	FBP/FBM/FBE	Cu
KY22WTCANFCA	33-50	1.25	27*28.6*28.6	WG 23	R400/WR22	FUGP	Cu
KY19WTCANFCA	40-60	1.25	27*28.6*28.6	WG24	R500/WR19	FUGP	Cu
KY15WTCANFCA	55-65	1.25	30*19.1*19.1	WG25	R/620WR15	FUGP	Cu
KY12WTCANFCA	60-90	1.25	28*28.6*28.6	WG26	R740WR12	FUGP	Cu
KY10WTCANFCA	70-112	1.25	23*19*19	WG27	R900/WR10	FUGP	Cu
Ordering P/N information Example: KY90WTCASFCA							
Numbers in P/N				Indicate			

KY	Keyee Microwave
90	Waveguide size
WTCA	Waveguide to coaxial transition right angle
WTCAI	Waveguide to coaxial transition end launch
SF(SMA female)	Coaxial connector type
C	Cover flange
A	Material Aluminum

Waveguide load

Keyee Microwave manufactures a wide selection of waveguide terminations covering a full frequency range from rectangular waveguides to circular waveguide from WR2300 to WR10.

Features:

Standard and double ridged optional

Air or water cooling

Full waveguide frequency range

Low, high and ultra high power handling



P/N	Freq range(GHz)	VSWR(Max)	Power handling(CW)	WG type		Flange type	Material
KY650HPL300CA	1.13-1.73	1.2	Low, high, ultra high	R14/WR650	WG 6	FDP/FDM	Al



KY510HPL300CA	1.45-2.20	1.2	Low, high, ultra high	R18/WR510	WG 7	FDP/FDM	Al/Cu
KY430HPL300CA	1.72-2.61	1.15	Low, high, ultra high	R22/WR430	WG 8	FDP/FDM	Al/Cu
KY340HPL300CA	2.17-3.30	1.15	Low, high, ultra high	R26/WR340	WG 9A	FDP/FDM	Al/Cu
KY284HPL300CA	2.60-3.95	1.1	Low, high, ultra high	R32/WR284	WG 10	FDP/FDM	Al/Cu
KY229HPL300CA	3.22-4.90	1.1	Low, high, ultra high	R40/WR229	WG 11A	FDP/FDM	Al/Cu
KY187HPL300CA	3.94-5.99	1.1	Low, high, ultra high	R48/WR187	WG 12	FDP/FDM	Al/Cu
KY159HPL300CA	4.64-7.05	1.1	Low, high, ultra high	R58/WR159	WG 13	FDP/FDM	Al/Cu
KY137HPL300CA	5.38-8.17	1.1	Low, high, ultra high	R70/WR137	WG 14	FDP/FDM	Al/Cu
KY112HPL300CA	6.57-9.99	1.1	Low, high, ultra high	R84/WR112	WG 15	FDP/FDM	Al/Cu
KY90HPL300CA	8.20-12.40	1.1	Low, high, ultra high	R100/WR90	WG 16	FBP/FBM/FBE	Al/Cu
KY75HPL300CA	9.84-15.0	1.1	Low, high, ultra high	R120/WR75	WG 17	FBP/FBM/FBE	Al/Cu
KY62HPL300CA	11.9-18.0	1.1	Low, high, ultra high	R140/WR62	WG 18	FBP/FBM/FBE	Al/Cu
KY51HPL300CA	14.5-22.0	1.15	Low, high, ultra high	R180/WR51	WG 19	FBP/FBM/FBE	Al/Cu



KY42HPL100CA	17.6-26.7	1.15	Low, high, ultra high	R220/WR42	WG 20	FBP/FBM/FBE	Al/Cu
KY34HPL100CA	21.7-33.0	1.15	Low, high, ultra high	R260/WR34	WG 21	FBP/FBM/FBE	Al/Cu
KY28HPL100CA	26.3-40.0	1.15	Low, high, ultra high	R320/WR28	WG 22	FBP/FBM/FBE	Al/Cu
KY22HPL100CA	32.9-50.1	1.15	Low, high, ultra high	R400/WR22	WG 23	FUGP	Cu
Ordering P/N information Example:KY229HPL300CA							
Numbers in P/N				Indicate			
KY				Keyee Microwave			
229				Waveguide size			
HPL				High power Waveguide Load			
300				Average power(CW)			
C				Cover flange			
A				Material			

Waveguide Rotary Joint

Keyee Microwave manufactures a wide selection of waveguide rotary joint from WR650 to WR10. Its input and output ports can rotate relative to each other. Connection of fixed and rotating parts in radar feeder system. In radar, it is generally installed in an antenna base and consists of a

rotating part and a stationary part. In mechanical scanning radar, rotating joint functions to ensure the normal transmission of electromagnetic energy in the feed line when antenna rotates.

Features:

Standard and Double ridged optional

Shaped style: Single and double I, L and U

Pressure(seal) and non pressure available

High rotary speed, high power handling

Long life time



P/N	WG type		Freq. Range (GHz)	Band Width (MHz)	VSWR	I.L.(dB)	Average Power (W)	PeakPower (KW)	Flange Type	Material
KY340SWRJICGA	R26/WR340	WG 9A	2.20-3.30	200	1.50	0.40	1000	800	FDP/FDM	Al/Cu
KY284SWRJICGA	R32/WR284	WG 10	2.60-3.95	200	1.20	0.3	600	600	FDP/FDM	Al/Cu
KY229SWRJICGA	R40/WR229	WG 11A	3.30-4.90	200	1.20	0.3	600	600	FDP/FDM	Al/Cu
KY187SWRJICGA	R48/WR187	WG 12	3.95-5.85	200	1.20	0.3	600	600	FDP/FDM	Al/Cu
KY159SWRJICGA	R58/WR159	WG 13	4.90-7.05	300	1.25	0.3	500	150	FDP/FDM	Al/Cu
KY137SWRJICGA	R70/WR137	WG 14	5.85-8.20	300	1.25	0.3	500	150	FDP/FDM	Al/Cu
KY112SWRJICGA	R84/WR112	WG 15	7.05-10.0	300	1.25	0.3	400	150	FBP/FBM/FBE	Al/Cu
KY90SWRJICGA	R100/WR90	WG 16	8.20-12.4	300	1.25	0.3	400	150	FBP/FBM/FBE	Al/Cu



KY75SWRJICGA	R120/WR75	WG 17	10.0-15.0	500	1.25	0.3	200	10	FBP/FBM/FBE	Al/Cu
KY62SWRJICGA	R140/WR62	WG 18	12.4-18.0	1000	1.30	0.4	100	4	FBP/FBM/FBE	Al/Cu
KY51SWRJICGA	R180/WR51	WG 19	15.0-22.0	1000	1.30	0.4	100	3	FBP/FBM/FBE	Cu/Al
KY42SWRJICGA	R220/WR42	WG 20	18.0-26.5	2000	1.40	1.0	50	0.5	FBP/FBM/FBE	Cu/Al
KY34SWRJICGA	R260/WR34	WG 21	22.0-33.0	2000	1.40	1.0	30	0.3	FBP/FBM/FBE	Cu/Al
KY28SWRJICGA	R320/WR28	WG 22	26.5-40.0	2000	1.40	1.0	30	0.3	FBP/FBM/FBE	Cu/Al

Ordering P/N information**Example:KY75SWRJICGA**

Numbers in P/N	Indicate
KY	Keyee Microwave
75	Waveguide size
S	Single channel
WRJ	Waveguide Rotary joint
L	L-shaped
C	Cover flange
G	Groove flange
A	Material

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.

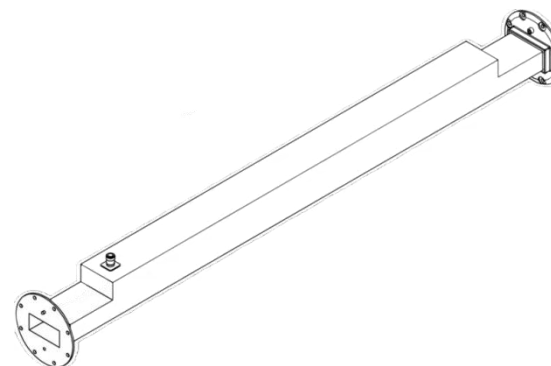
For more info, please contact sales engineer.

Features:

Standard and Double ridged

High directivity

Input: Flange and coaxial optional



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

Waveguide crossguide directional coupler

Keyee microwave manufactures waveguide crossguide directional couplers covering a wide frequency range from WR650 to WR10 and material are in brass or aluminum. Both single arm, dual-arm and multi-arm can be realized. Crossguide coupler are optional with flange and coaxial connector types and configurations to cover all requirements you may have for microwave couplers.

For more info, please contact sales engineer.

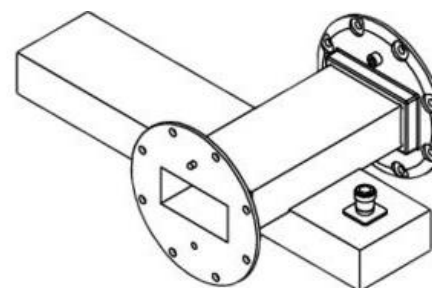
Feature:

High coupling

Input: Flange and coaxial optional

Full range

Single, dual and multi arm





P/N	WG Size		Flange	Freq (GHz)	Coupling(dB)	Input port
KY430SWCDC30CGSFA	WG 8	R22/WR430	R22/WR430	1.70 - 2.60	10-60	Flange/ Coax.
KY340SWCDC30CGSFA	WG 9A	R26/WR340	R26/WR340	2.20 - 3.30	10-60	Flange/ Coax.
KY284SWCDC30CGSFA	WG 10	R32/WR284	R32/WR284	2.60 - 3.95	10-60	Flange/ Coax.
KY229SWCDC30CGSFA	WG 11A	R40/WR229	R40/WR229	3.30 - 4.90	10-60	Flange/ Coax.
KY187SWCDC30CGSFA	WG 12	R48/WR187	R48/WR187	3.95 - 5.85	10-60	Flange/ Coax.
KY159SWCDC30CGSFA	WG 13	R58/WR159	R58/WR159	4.90 - 7.05	10-60	Flange/ Coax.
KY137SWCDC30CGSFA	WG 14	R70/WR137	R70/WR137	5.85 - 8.20	10-60	Flange/ Coax.
KY112SWCDC30CGSFA	WG 15	R84/WR112	R84/WR112	7.05 - 10.0	10-60	Flange/ Coax.
KY90SWCDC30CGSFA	WG 16	R100/WR90	R100/WR90	8.20 - 12.4	10-60	Flange/ Coax.
KY75SWCDC30CGSFA	WG 17	R120/WR75	R120/WR75	10.0 - 15.0	10-60	Flange/ Coax.
KY62SWCDC30CGSFA	WG 18	R140/WR62	R140/WR62	12.4 - 18.0	10-60	Flange/ Coax.
KY51SWCDC30CGSFA	WG 19	R180/WR51	R180/WR51	15.0 - 22.0	10-60	Flange/ Coax.
KY42SWCDC30CGSFA	WG 20	R220/WR42	R220/WR42	18.0 - 26.5	10-60	Flange/ Coax.



KY34SWCDC30CGSFA	WG 21	R260/WR34	R260/WR34	22.0 - 33.0	10-60	Flange/ Coax.
KY28SWCDC30CGSFA	WG 22	R320/WR28	R320/WR28	26.5 - 40.0	10-60	Flange/ Coax.
KY22SWCDC30CGSFA	WG 23	R400/WR22	R400/WR22	33.0 - 50.0	10-60	Flange/ Coax.
Ordering P/N information Example:KY430SWCDC30CGSFA						
Numbers in P/N			Indicate			
KY			Keyee Microwave			
430			Waveguide size			
S			Single			
WCDC			Waveguide Cross directional coupler			
30			Coupling			
C			Cover flange			
G			Groove flange			
SF(SMA female)			Coaxial connector type			

A	Material
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Waveguide straight section

Keyee Microwave manufactures full wide band waveguide straight section is a type of connecting waveguide covering 0.3 to 300GHz. There are standard types of waveguides such as rectangular, square, circular, single ridged, and double ridged.

Features: Full band components

Standard and double ridged optional

Aluminum/Copper

For more info, please contact sales engineer.



P/N	WG type		Flange	Freq. (GHz)	VSWR	Material
KY650SW2000CGA	WG 6	R14/WR650	FDP/FDM	1.12 - 1.70	1.1	Al
KY510SW2000CGA	WG 7	R18/WR510	FDP/FDM	1.45-2.20	1.1	Al
KY430SW2000CGA	WG 8	R22/WR430	FDP/FDM	1.70 - 2.60	1.1	Al
KY340SW2000CGA	WG 9A	R26/WR340	FDP/FDM	2.17-3.30	1.1	Al
KY284SW2000CGA	WG 10	R32/WR284	FDP/FDM	2.60 - 3.95	1.1	Al
KY229SW2000CGA	WG 11A	R40/WR229	FDP/FDM	3.30 - 4.90	1.1	Al



KY187SW2000CGA	WG 12	R48/WR187	FDP/FDM	3.95 - 5.85	1.1	Al
KY159SW2000CGA	WG 13	R58/WR159	FDP/FDM	4.90 - 7.05	1.1	Al
KY137SW2000CGA	WG 14	R70/WR137	FDP/FDM	5.85 - 8.20	1.1	Al
KY112SW2000CGA	WG 15	R84/WR112	FBP/FBM/FBE	7.05 - 10.0	1.1	Al
KY90SW2000CGA	WG 16	R100/WR90	FBP/FBM/FBE	8.20 - 12.4	1.1	Al/Cu
KY75SW2000CGA	WG 17	R120/WR75	FBP/FBM/FBE	10.0 - 15.0	1.1	Al/Cu
KY62SW2000CGA	WG 18	R140/WR62	FBP/FBM/FBE	12.4 - 18.0	1.1	Al/Cu
KY51SW2000CGA	WG 19	R180/WR51	FBP/FBM/FBE	15.0 - 22.0	1.1	Al/Cu
KY42SW2000CGA	WG 20	R220/WR42	FBP/FBM/FBE	18.0 - 26.5	1.1	Al/Cu
KY34SW2000CGA	WG 21	R260/WR34	FBP/FBM/FBE	22.0 - 33.0	1.1	Al/Cu
KY28SW2000CGA	WG 22	R320/WR28	FBP/FBM/FBE	26.5 - 40.0	1.1	Al/Cu
KY22SW2000CGA	WG 23	R400/WR22	FUGP	33.0 - 50.0	1.1	Cu
KY19SW2000CGA	WG24	R500/WR19	FUGP	40-60	1.1	Cu
KY15SW2000CGA	WG25	R/620WR15	FUGP	55-65	1.1	Cu



KY12SW2000CGA	WG26	R740WR12	FUGP	60-90	1.1	Cu
KY10SW2000CGA	WG27	R900/WR10	FUGP	70-112	1.1	Cu
Ordering P/N information Example: KY975SW2000CGA						
Numbers in P/N			Indicate			
KY			Keyee Microwave			
2300			Waveguide size			
SW			Waveguide Straight Section			
2000			Length: 2 meter			
C			Cover flange			
G			Groove Flange			
A			Material			

Waveguide fixed attenuator

Keyee Microwave waveguide fixed attenuators covering the waveguide sizes WR28 through WR430 and attenuation values of 10dB to 60dB attenuators. It is used in high power applications and are some of the largest power attenuators available. It can be low, high and super high power handling. The assembly construction includes a precision element for optimum electrical performance, but note that Attenuation vs. Frequency can vary greatly depending on the attenuation at a given frequency. For more information, feel free to call us and discuss your needs with one of our design engineers.

Feature:

Standard and double ridged optional

Standard fixed and coupling type available

Attenuation: 3-60dB

Low and high power optional.



P/N	WG Size		Attenuation(dB)	Freq. (GHz)	VSWR	Power(W)	Dimensions(Inches)	
KY430WA300CGA30	WG 8	R22/WR430	3-60	1.70 - 2.60	1.15	1200	54.0	2.230
KY340WA300CGA30	WG 9A	R26/WR340	3-60	2.20 - 3.30	1.15	1200	42.0	1.780
KY284WA300CGA30	WG 10	R32/WR284	3-60	2.60 - 3.95	1.15	1200	33.0	1.420
KY229WA300CGA30	WG 11A	R40/WR229	3-60	3.30 - 4.90	1.15	1000	27.0	1.209
KY187WA300CGA30	WG 12	R48/WR187	3-60	3.95 - 5.85	1.15	750	24.0	0.936
KY159WA300CGA30	WG 13	R58/WR159	3-60	4.9 - 7.05	1.15	625	24.0	0.859
KY137WA300CGA30	WG 14	R70/WR137	3-60	5.85 - 8.20	1.15	500	22.5	0.686
KY112WA300CGA30	WG 15	R84/WR112	3-60	7.05 - 10.0	1.15	425	16.0	0.561



KY90WA300CGA30	WG 16	R100/WR90	3-60	8.20 - 12.4	1.15	225	14.5	0.450
KY75WA300CGA30	WG 17	R120/WR75	3-60	10.0 - 15.0	1.15	200	13.5	0.425
KY62WA300CGA30	WG 18	R140/WR62	3-60	12.4 - 18.0	1.15	100	11.5	0.351
KY51WA300CGA30	WG 19	R180/WR51	3-60	15.0 - 22.0	1.15	100	11.5	0.295
KY42WA300CGA30	WG 20	R220/WR42	3-60	18.0 - 26.5	1.15	100	9.5	0.210
KY34WA300CGA30	WG 21	R260/WR34	3-60	22.0 - 33.0	1.15	75	9.5	0.210
KY28WA300CGA30	WG 22	R320/WR28	3-60	26.5 - 40.0	1.15	75	9.0	0.180
Ordering P/N description: Example: KY430WA300CGA30								
Numbers in P/N				Indicate				
KY				Key Microwave				
430				Waveguide size				
WA				Waveguide fixed attenuator				

300	Power handling 300W CW
C	Cover flange
G	Groove flange
A	Material
30	Attenuation

Waveguide short plate

Keyee Microwave manufactures waveguide short to offer high reflection short circuits for terminating all standard waveguides from WR2300 to WR28. They are designed with a hole pattern to match the standard flanges in each waveguide. Thickness and material are selectable

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



P/N	Freq Range(GHz)	VSWR Max	Thickness(mm)	WG type	Flange type	Material
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KY2300WSP23CCA	0.32-0.49	60	23	R3/WR2300	WG00	FDP	Al
KY2100WSP23CCA	0.35-0.53	60	23	R4/WR2100	WG0	FDP	Al
KY1800WSP18CCA	0.41-0.62	60	18	R5/WR1800	WG1	FDP	Al
KY1500WSP18CCA	0.49-0.75	60	18	R6/WR1500	WG2	FDP	Al
KY1150WSP14CCA	0.64-0.98	60	14	R8/WR1150	WG3	FDP	Al
KY975WSP14CCA	0.75-1.15	60	14	R9/WR975	WG4	FDP	Al
KY770WSP12CCA	0.96-1.46	60	12	R12/WR770	WG5	FDP	Al
KY650WSP12CCA	1.13-1.73	60	12	R14/WR650	WG 6	FDP	Al
KY510WSP12CCA	1.45-2.20	60	12	R18/WR510	WG 7	FDP	Al
KY430WSP10CCA	1.72-2.61	60	10	R22/WR430	WG 8	FDP	Al
KY340WSP10CCA	2.17-3.30	60	10	R26/WR340	WG 9A	FDP	Al
KY284WSP8CCA	2.60-3.95	60	8	R32/WR284	WG 10	FDP	Al
KY229WSP8CCA	3.22-4.90	60	8	R40/WR229	WG 11A	FDP	Al/Cu
KY187WSP7CCA	3.94-5.99	60	7	R48/WR187	WG 12	FDP	Al/Cu
KY159WSP7CCA	4.64-7.05	60	7	R58/WR159	WG 13	FDP	Al/Cu



KY137WSP7CCA	5.38-8.17	60	7	R70/WR137	WG 14	FDP	Al/Cu
KY112WSP5CCA	6.57-9.99	60	5	R84/WR112	WG 15	FBP	Al/Cu
KY90WSP5CCA	8.20-12.40	60	5	R100/WR90	WG 16	FBP	Al/Cu
KY75WSP5CCA	9.84-15.0	60	5	R120/WR75	WG 17	FBP	Al/Cu
KY62WSP5CCA	11.9-18.0	60	5	R140/WR62	WG 18	FBP	Al/Cu
KY51WSP5CCA	14.5-22.0	60	5	R180/WR51	WG 19	FBP	Al/Cu
KY42WSP4CCA	17.6-26.7	60	4	R220/WR42	WG 20	FBP	Al/Cu
KY34WSP4CCA	21.7-33.0	60	4	R260/WR34	WG 21	FBP	Al/Cu
KY28WSP4CCA	26.3-40.0	60	4	R320/WR28	WG 22	FBP	Al/Cu
KY22WSP4CCA	32.9-50.1	60	4	R400/WR22	WG 23	FUGP	Cu
KY19WSP4CCA	39.2-59.6	60	4	R500/WR19	WG24	FUGP	Cu
KY15WSP4CCA	49.8-75.8	60	4	R620/WR15	WG25	FUGP	Cu
KY12WSP4CCA	60.5-91.9	60	4	R740/WR12	WG26	FUGP	Cu
KY10WSP4CCA	73.8-112	60	4	R900/WR10	WG27	FUGP	Cu
Ordering P/N information							



Example: KY42WSP4CCA	
Numbers in P/N	Indicate
KY	Keyee Microwave
42	Waveguide size
WSP	Waveguide short plate
23	Thickness 23mm
C	Cover flange
A	Material

Flexible twisted waveguide

Keyee Microwave manufactures both standard and double ridged flexible waveguide covering from WR10 to WR650. A number of solutions for flexible waveguide interconnect including standard flexible waveguide and seamless type solutions are available on request.

Features:

Both standard and double ridged

Twisted and seamless

Length max: 3000mm

With/without jacket

Pressure and non-pressure





P/N	Freq GHz	Max I.L.(dB/ft)	VSWR (Typical)		Power handling CW (kW)	Bend value	WG Type		Flange
			<33"	>33"		E/ H-plane (in)			
KY284FTW300CGB	2.60 - 3.95	0.04	1.04	1.07	6.50	7.0/14.0	WG 10	R32/WR284	FDP/FDM
KY229FTW300CGB	3.30 - 4.90	0.04	1.05	1.07	4.00	6.5/13.0	WG 11A	R40/WR229	FDP/FDM
KY187FTW300CGB	3.95 - 5.85	0.05	1.05	1.07	3.00	6.5/13.0	WG 12	R48/WR187	FDP/FDM
KY159FTW300CGB	4.90 - 7.05	0.05	1.05	1.08	2.50	5.0/10.0	WG 13	R58/WR159	FDP/FDM
KY137FTW300CGB	5.85 - 8.20	0.06	1.05	1.09	2.00	4.0/8.0	WG 14	R70/WR137	FDP/FDM
KY112FTW300CGB	7.05 - 10.0	0.08	1.07	1.10	1.30	3.0/6.0	WG 15	R84/WR112	FBP/FBM/FBE
KY90FTW300CGB	8.20 - 12.4	0.10	1.07	1.10	1.00	2.5/5.0	WG 16	R100/WR90	FBP/FBM/FBE
KY75FTW300CGB	10.0 - 15.0	0.15	1.08	1.10	0.95	2.5/4.5	WG 17	R120/WR75	FBP/FBM/FBE
KY62FTW300CGB	12.4 - 18.0	0.16	1.10	1.13	0.40	2.0/4.0	WG 18	R140/WR62	FBP/FBM/FBE



KY51FTW300CGB	15.0 - 22.0	0.35	1.15	1.18	0.20	2.0/4.0	WG 19	R180/WR51	FBP/FBM/FBE
KY42FTW300CGB	18.0 - 26.5	0.38	1.18	1.23	0.15	1.5/3.0	WG 20	R220/WR42	FBP/FBM/FBE
KY34FTW300CGB	22.0 - 33.0	0.45	1.17	1.20	0.10	1.5/3.0	WG 21	R260/WR34	FBP/FBM/FBE
KY28FTW300CGB	26.5 - 40.0	0.60	1.30	1.30	0.10	1.0/2.0	WG 22	R320/WR28	FBP/FBM/FBE
KYD580FTW300CGB	5.8-16	0.05	1.30	1.30	0.5	4.0/8.0	28JS5800	WRD580D28	FBP/FBM
KYD650FTW300CGB	6.5-18	0.05	1.30	1.30	0.5	3.5/7.0	28JS6500	WRD650D28	FBP/FBM
KYD750FTW300CGB	7-18.5	0.05	1.30	1.30	0.5	3.3/7.0	24JS7500	WRD750D24	FBP/FBM
KYD180FTW300CGB	18-40	0.05	1.30	1.30	0.5	2.0/4	24JS1800	WRD180C24	FBP/FBM

Ordering P/N information
Example: KY284FTW300CGB

Numbers in P/N	Indicate
KY	Keyee Microwave
284	Waveguide size



FTW	Flexible twisted waveguide
300	Length 300mm
C	Cover flange
G	Groove flange
B	Material

Waveguide 3dB hybrid combiner

Keyee Microwave manufactures waveguide 3db hybrid combiner is a narrow band waveguide components from WR650 to WR10. They are typically used for power distribution or power combination. It features small volume, the standard coupling level is 3 dB, the phase difference is 90° at distribution holes. It can be selected with X-shaped, Z-shaped, U-shaped and Y shaped etc. For more information feel free to call us and discuss your needs with one of our design engineers.





P/N	WG Size	Waveguide type		Freq. (GHz)	VSWR	Iso. min	Balance dB +/- (max)
KY650W3HC26UCCCA	WR650	WG 6	R14/WR650	1.12 - 1.70	1.15	26	0.25
KY510W3HC26UCCCA	WR510	WG 7	R18/WR510	1.45-2.20	1.15	26	0.25
KY430W3HC26UCCCA	WR430	WG 8	R22/WR430	1.70 - 2.60	1.15	26	0.25
KY340W3HC26UCCCA	WR340	WG 9A	R26/WR340	2.17-3.30	1.15	26	0.25
KY284W3HC26UCCCA	WR284	WG 10	R32/WR284	2.60 - 3.95	1.15	26	0.25
KY229W3HC26UCCCA	WR229	WG 11A	R40/WR229	3.30 - 4.90	1.15	26	0.25
KY187W3HC26UCCCA	WR187	WG 12	R48/WR187	3.95 - 5.85	1.15	26	0.25
KY159W3HC26UCCCA	WR159	WG 13	R58/WR159	4.90 - 7.05	1.15	26	0.25
KY137W3HC26UCCCA	WR137	WG 14	R70/WR137	5.85 - 8.20	1.15	26	0.25
KY112W3HC26UCCCA	WR112	WG 15	R84/WR112	7.05 - 10.0	1.15	26	0.25
KY90W3HC26UCCCA	WR90	WG 16	R100/WR90	8.20 - 12.4	1.15	26	0.25
KY75W3HC26UCCCA	WR75	WG 17	R120/WR75	10.0 - 15.0	1.15	26	0.25



KY62W3HC26UCCCA	WR62	WG 18	R140/WR62	12.4 - 18.0	1.15	26	0.25
KY51W3HC26UCCCA	WR51	WG 19	R180/WR51	15.0 - 22.0	1.15	26	0.25
KY42W3HC26UCCCA	WR42	WG 20	R220/WR42	18.0 - 26.5	1.15	26	0.25
KY34W3HC26UCCCA	WR34	WG 21	R260/WR34	22.0 - 33.0	1.15	26	0.25
KY28W3HC26UCCCA	WR28	WG 22	R320/WR28	26.5 - 40.0	1.15	26	0.25
KY22W3HC26UCCCA	WR22	WG 23	R400/WR22	33.0 - 50.0	1.15	26	0.25
KY19W3HC26UCCCA	WR19	WG24	R500/WR19	40-60	1.15	26	0.25
Ordering P/N information Example: KY650W3HC26UCCCA							
Numbers in P/N				Indicate			
KY				Keyee Microwave			
650				Waveguide size			
W3HC				Waveguide 3dB hybrid combiner			
26				Isolation			
U				Shaped as U			
C				Cover flange			
A				Material			

Waveguide power splitter and combiner

Keyee Microwave manufactures waveguide power splitter and combiner is used to combine or divide multiple radio frequency signals. It is size ranges from WR10 to WR2300. It can be divided or combined to 2, 4, 6, 8, 16 and more ways. With or without isolation by including or excluding waveguide load realize. For more information or any interested model, please contact our sales engineers.



P/N	WG Size		Freq. (GHz)	Ways	VSWR	Insertion loss	Power each way
KY650WPC2A1000	WG 6	R14/WR650	1.12 - 1.70	2/4/6	1.25	0.3	1000
KY510WPC2A1000	WG 7	R18/WR510	1.45-2.20	2/4/6	1.25	0.3	1000
KY430WPC2A1000	WG 8	R22/WR430	1.70 - 2.60	2/4/6	1.25	0.3	1000
KY340WPC2A1000	WG 9A	R26/WR340	2.17-3.30	2/4/6	1.25	0.3	1000
KY284WPC2A1000	WG 10	R32/WR284	2.60 - 3.95	2/4/6	1.25	0.5	500



KY229WPC2A1000	WG 11A	R40/WR229	3.30 - 4.90	2/4/6	1.25	0.5	500
KY187WPC2A1000	WG 12	R48/WR187	3.95 - 5.85	2/4/6	1.25	0.5	500
KY159WPC2A1000	WG 13	R58/WR159	4.90 - 7.05	2/4/6	1.25	0.5	500
KY137WPC2A1000	WG 14	R70/WR137	5.85 - 8.20	2/4/6	1.25	0.8	300
KY112WPC2A1000	WG 15	R84/WR112	7.05 - 10.0	2/4/6	1.25	0.8	300
KY90WPC2A1000	WG 16	R100/WR90	8.20 - 12.4	2/4/6	1.25	0.8	300
KY75WPC2A1000	WG 17	R120/WR75	10.0 - 15.0	2/4/6	1.25	0.8	300
KY62WPC2A1000	WG 18	R140/WR62	12.4 - 18.0	2/4/6	1.25	0.8	300
KY51WPC2A1000	WG 19	R180/WR51	15.0 - 22.0	2/4/6	1.25	0.8	200
KY42WPC2A1000	WG 20	R220/WR42	18.0 - 26.5	2/4/6	1.25	0.8	200
KY34WPC2A1000	WG 21	R260/WR34	22.0 - 33.0	2/4/6	1.25	0.8	200
KY28WPC2A1000	WG 22	R320/WR28	26.5 - 40.0	2/4/6	1.25	0.8	200
KY22WPC2A1000	WG 23	R400/WR22	33.0 - 50.0	2/4/6	1.25	0.8	100
KY19WPC2A1000	WG24	R500/WR19	40-60	2/4/6	1.25	0.8	100
Ordering P/N information							



Example: KY650WPC2A1000	
Numbers in P/N	Indicate
KY	Keyee Microwave
650	Waveguide size
WPC	Waveguide power combiner
2	2 ways
A	Material aluminum
1000	Power handling 1000W CW

Waveguide Magic Tee

Keyee Microwave manufactures Waveguide Magic Tee includes E Plane Tees, H Plane Tees, Hybrid Tees and Magic Tees 0.3 to 110GHz. It is four-port coupler for matching, balance and isolation. E-plane to H-plane Isolation is a function of the symmetry which is carefully balanced on each unit. If the E-plane port 4 or the H-plane port 2 are used as inputs the split is on the output collinear ports 1 and 3. When the input is E plane port 4 the outputs are out of phase 180 deg. This feature is widely used in monopulse antenna feed structure and phasing testing setup. For more information feel free to call us and discuss your needs with one of our design engineers.





P/N	Freq Range(GHz)	Isolation(dB)	Unbalance(dB)	WG Type		Flange type	Material
KY430WHMT35CCGA	1.72-2.60	35	±0.15	WG 8	R22/WR430	FDP/FDM	Al/Cu
KY340WHMT35CCGA	2.17-3.30	35	±0.15	WG 9A	R26/WR340	FDP/FDM	Al/Cu
KY284WHMT35CCGA	2.60-3.95	35	±0.15	WG 10	R32/WR284	FDP/FDM	Al/Cu
KY229WHMT35CCGA	3.30-4.90	35	±0.15	WG 11A	R40/WR229	FDP/FDM	Al/Cu
KY187WHMT35CCGA	3.95-5.85	35	±0.15	WG 12	R48/WR187	FDP/FDM	Al/Cu
KY159WHMT35CCGA	4.90-7.05	35	±0.15	WG 13	R58/WR159	FDP/FDM	Al/Cu
KY137WHMT35CCGA	5.85-8.20	35	±0.15	WG 14	R70/WR137	FDP/FDM	Al/Cu
KY112WHMT35CCGA	2.60-3.95	35	±0.15	WG 15	R84/WR112	FBP/FBM/FBE	Al/Cu
KY90WHMT35CCGA	8.20-12.4	35	±0.15	WG 16	R100/WR90	FBP/FBM/FBE	Al/Cu
KY75WHMT35CCGA	10.0-15.0	35	±0.15	WG 17	R120/WR75	FBP/FBM/FBE	Al/Cu
KY62WHMT35CCGA	12.4-18.0	35	±0.25	WG 18	R140/WR62	FBP/FBM/FBE	Al/Cu
KY51WHMT35CCGA	15.0-22.0	35	±0.3	WG 19	R180/WR51	FBP/FBM/FBE	Al/Cu
KY42WHMT35CCGA	18.0-26.5	35	±0.3	WG 20	R220/WR42	FBP/FBM/FBE	Al/Cu



KY34WHMT35CCGA	22.0-33.0	35	±0.4	WG 21	R260/WR34	FBP/FBM/FBE	Al/Cu
KY28WHMT35CCGA	26.3-40.0	35	±0.4	WG 22	R320/WR28	FBP/FBM/FBE	Al/Cu
KY22WHMT35CCGA	32.9-60.1	20	±0.4	WG 23	R400/WR22	FUGP	Cu
KY19WHMT35CCGA	39.2-59.6	20	±0.4	WG24	R500/WR19	FUGP	Cu
KY15WHMT35CCGA	49.8-75.8	20	±0.5	WG25	R/620WR15	FUGP	Cu
KY12WHMT35CCGA	60.5-91.9	20	±0.5	WG26	R740WR12	FUGP	Cu
KY10WHMT35CCGA	73.8-112	20	±0.5	WG27	R900/WR10	FUGP	Al
Ordering P/N information: Example:KY90WHMT35CCGA							
Numbers in P/N				Indicate			
KY				Keyee Microwave			
90				Waveguide size			
WHMT				Waveguide Hybrid Magic Tee			
35				Isolation			
C				Cover flange			

G	Groove Flange
A	Material

Waveguide shim/spacer

Keyee Microwave manufactures waveguide shim/spacer it to reduce the connection gaps between waveguide components. 1/4 type is still available. Waveguide size is from WR2300 to WR10. Thickness is selectable based on requirement.

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



P/N	Freq Range(GHz)	VSWR(Max)	WG Type		Flange	Material
KY2300WS20CGA	0.32-0.49	1.05	WG00	R3/WR2300	FDP/FDM	Al
KY2100WS20CGA	0.35-0.53	1.05	WG0	R3/WR2100	FDP/FDM	Al
KY1800WS20CGA	0.41-0.62	1.05	WG1	R5/WR1800	FDP/FDM	Al
KY1500WS20CGA	0.49-0.75	1.05	WG2	R6/WR1500	FDP/FDM	Al



KY1150WS20CGA	0.64-0.98	1.05	WG3	R8/WR1150	FDP/FDM	Al
KY975WS20CGA	0.75-1.15	1.05	WG4	R9/WR975	FDP/FDM	Al
KY770WS20CGA	0.96-1.46	1.05	WG5	R12/WR770	FDP/FDM	Al
KY650WS20CGA	1.13-1.73	1.05	WG 6	R14/WR650	FDP/FDM	Al
KY510WS20CGA	1.45-2.20	1.05	WG 7	R18/WR510	FDP/FDM	Al
KY430WS20CGA	1.72-2.61	1.05	WG 8	R22/WR430	FDP/FDM	Al/Brass
KY340WS20CGA	2.17-3.30	1.05	WG 9A	R26/WR340	FDP/FDM	Al/Brass
KY284WS20CGA	2.60-3.95	1.05	WG 10	R32/WR284	FDP/FDM	Al/Brass
KY229WS20CGA	3.22-4.90	1.05	WG 11A	R40/WR229	FDP/FDM	Al/Brass
KY187WS20CGA	3.94-5.99	1.05	WG 12	R48/WR187	FDP/FDM	Al/Brass
KY159WS20CGA	4.64-7.05	1.05	WG 13	R58/WR159	FDP/FDM	Al/Brass
KY137WS20CGA	5.38-8.17	1.05	WG 14	R70/WR137	FDP/FDM	Al/Brass
KY112WS20CGA	6.57-9.99	1.05	WG 15	R84/WR112	FBP/FBM/FBE	Al/Brass
KY90WS20CGA	8.20-12.40	1.05	WG 16	R100/WR90	FBP/FBM/FBE	Al/Brass
KY75WS20CGA	9.84-15.0	1.05	WG 17	R120/WR75	FBP/FBM/FBE	Al/Brass
KY62WS20CGA	11.9-18.0	1.05	WG 18	R140/WR62	FBP/FBM/FBE	Al/Brass



KY51WS20CGA	14.5-22.0	1.05	WG 19	R180/WR51	FBP/FBM/FBE	Al/Brass
KY42WS20CGA	17.6-26.7	1.05	WG 20	R220/WR42	FBP/FBM/FBE	Al/Brass
KY34WS20CGA	21.7-33.0	1.05	WG 21	R260/WR34	FBP/FBM/FBE	Al/Brass
KY28WS20CGA	26.5-40.0	1.05	WG 22	R320/WR28	FBP/FBM/FBE	Al/Brass
KY22WS20CGA	32.9-50.1	1.10	WG 23	R400/WR22	FUGP	Brass
KY19WS20CGA	39.2-59.6	1.10	WG24	R500/WR19	FUGP	Brass
KY15WS20CGA	49.8-75.8	1.10	WG25	R/620WR15	FUGP	Brass
KY12WS20CGA	60.5-91.9	1.10	WG26	R740WR12	FUGP	Brass
KY10WS20CGA	73.8-112	1.10	WG27	R900/WR10	FUGP	Brass
Ordering P/N information Example: KY90WS20CGA						
Numbers in P/N			Indicate			
KY			Keyee Microwave			
90			Waveguide size			
WS			Waveguide flange spacer			
20			Thickness 20mm			

C	Cover flange
G	Groove flange
A	Material

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.





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
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				

P/N	Freq.GHz	Input Power KW	VSWR	Insertion Loss	Iso.	Switching Time(ms)	Waveguide type	Type	Switch type
WES						Waveguide Electrical Switch			
D						DPDT			
E						E-plane			
C						Cover flange			
A						Material			

Waveguide pressure window

Keyee Microwave manufactures waveguide pressure window covering frequency from 0.3 to 110 GHz, which are used to seal waveguides at high pressure and prevent contaminants from entering the system. Waveguide pressure windows are designed to isolate pressurized sections from the non-pressurized sections in the waveguide systems. It can work under standard pressure and vacuum. Double ridged type are still available from WRD84 to WRD180.

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



P/N	Freq Range(GHz)	VSWR(Max)	WG Type		Flange	Material
KY2300PW15CGA20	0.32-0.49	1.25	WG00	R3/WR2300	FDP/FDM	Al



KY2100PW15CGA20	0.35-0.53	1.25	WG0	R3/WR2100	FDP/FDM	Al
KY1800PW15CGA20	0.41-0.62	1.25	WG1	R5/WR1800	FDP/FDM	Al
KY1500PW15CGA20	0.49-0.75	1.25	WG2	R6/WR1500	FDP/FDM	Al
KY1150PW15CGA20	0.64-0.98	1.25	WG3	R8/WR1150	FDP/FDM	Al
KY975PW15CGA20	0.75-1.15	1.25	WG4	R9/WR975	FDP/FDM	Al
KY770PW15CGA20	0.96-1.46	1.25	WG5	R12/WR770	FDP/FDM	Al
KY650PW15CGA20	1.13-1.73	1.25	WG 6	R14/WR650	FDP/FDM	Al
KY510PW15CGA20	1.45-2.20	1.25	WG 7	R18/WR510	FDP/FDM	Al
KY430PW15CGA20	1.72-2.61	1.25	WG 8	R22/WR430	FDP/FDM	Al/Cu
KY340PW15CGA20	2.17-3.30	1.25	WG 9A	R26/WR340	FDP/FDM	Al/Cu
KY284PW15CGA20	2.60-3.95	1.25	WG 10	R32/WR284	FDP/FDM	Al/Cu
KY229PW15CGA20	3.22-4.90	1.25	WG 11A	R40/WR229	FDP/FDM	Al/Cu
KY187PW15CGA20	3.94-5.99	1.25	WG 12	R48/WR187	FDP/FDM	Al/Cu
KY159PW15CGA20	4.64-7.05	1.25	WG 13	R58/WR159	FDP/FDM	Al/Cu
KY137PW15CGA20	5.38-8.17	1.25	WG 14	R70/WR137	FDP/FDM	Al/Cu
KY112PW15CGA20	6.57-9.99	1.25	WG 15	R84/WR112	FBP/FBM/FBE	Al/Cu
KY90PW15CGA20	8.20-12.40	1.25	WG 16	R100/WR90	FBP/FBM/FBE	Al/Cu
KY75PW15CGA20	9.84-15.0	1.25	WG 17	R120/WR75	FBP/FBM/FBE	Al/Cu
KY62PW15CGA20	11.9-18.0	1.25	WG 18	R140/WR62	FBP/FBM/FBE	Al/Cu
KY51PW15CGA20	14.5-22.0	1.25	WG 19	R180/WR51	FBP/FBM/FBE	Al/Cu

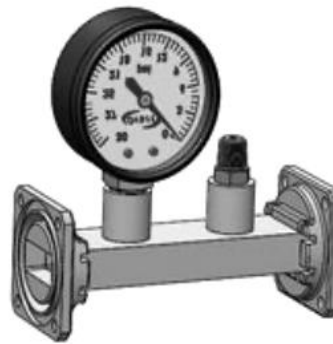


KY42PW15CGA20	17.6-26.7	1.25	WG 20	R220/WR42	FBP/FBM/FBE	Al/Cu
KY34PW15CGA20	21.7-33.0	1.25	WG 21	R260/WR34	FBP/FBM/FBE	Al/Cu
KY28PW15CGA20	26.5-40.0	1.25	WG 22	R320/WR28	FBP/FBM/FBE	Al/Cu
KY22PW15CGA20	32.9-50.1	1.3	WG 23	R400/WR22	FUGP	Cu
KY19PW15CGA20	39.2-59.6	1.3	WG24	R500/WR19	FUGP	Cu
KY15PW15CGA20	49.8-75.8	1.3	WG25	R/620WR15	FUGP	Cu
KY12PW15CGA20	60.5-91.9	1.3	WG26	R740WR12	FUGP	Cu
KY10PW15CGA20	73.8-112	1.3	WG27	R900/WR10	FUGP	Cu
Ordering P/N information Example: KY90PW15CGA20						
Numbers in P/N			Indicate			
KY			Keyee Microwave			
90			Waveguide size			
PW			Waveguide pressure window			
15			Thickness			
C			Cover flange			
G			Groove flange			
A			Material			
20			Power handling			

Waveguide pressure inlet§ion

Keyee Microwave waveguide pressure inlet§ion are mianly for system pressurizing a waveguide with air, which structured as waveguide striaght section with/without gauge. It is optional with short length pipe-tapped pressurizing sections.

For more information please call us and discuss your needs with our design engineers.



P/N	WG type		Freq. (GHz)	Flange	Pressure rate(PSI)	Thickness
KY650WPSI30GCGA30	WG 6	R14/WR650	1.12 - 1.70	FDP/FDM	30	20
KY510WPSI30GCGA30	WG 7	R18/WR510	1.70 - 2.60	FDP/FDM	30	20
KY430WPSI30GCGA30	WG 8	R22/WR430	2.20 - 3.30	FDP/FDM	30	20



KY340WPSI30GCGA30	WG 9A	R26/WR340	2.60 - 3.95	FDP/FDM	30	20
KY284WPSI30GCGA30	WG 10	R32/WR284	3.30 - 4.90	FDP/FDM	30	20
KY229WPSI30GCGA30	WG 11A	R40/WR229	3.95 - 5.85	FDP/FDM	30	20
KY187WPSI30GCGA30	WG 12	R48/WR187	4.9 - 7.05	FDP/FDM	30	20
KY159WPSI30GCGA30	WG 13	R58/WR159	5.95 - 8.20	FDP/FDM	30	20
KY137WPSI30GCGA30	WG 14	R70/WR137	7.05 - 10.0	FDP/FDM	30	20
KY112WPSI30GCGA30	WG 15	R84/WR112	8.20 - 12.4	FBP/FBM/FBE	30	20
KY90WPSI30GCGA30	WG 16	R100/WR90	10.0 - 15.0	FBP/FBM/FBE	30	20
KY75WPSI30GCGA30	WG 17	R120/WR75	12.4 - 18.0	FBP/FBM/FBE	30	20
KY62WPSI30GCGA30	WG 18	WR62	15.0 - 22.0	FBP/FBM/FBE	30	20
KY51WPSI30GCGA30	WG 19	WR51	18.0 - 26.5	FBP/FBM/FBE	30	20
KY42WPSI30GCGA30	WG 20	WR42	22.0 - 33.0	FBP/FBM/FBE	30	20



KY34WPSI30GCGA30	WG 21	WR34	26.5 - 40.0	FBP/FBM/FBE	30	20
KY28WPSI30GCGA30	WG 22	WR28	33.0 - 50.0	FBP/FBM/FBE	30	20
KY22WPSI30GCGA30	WG 23	WR22	33.0 - 50.0	FUGP	30	20
Ordering P/N information Example: KY90WPSI30GCGA30						
Numbers in P/N				Indicate		
KY				Keyee Microwave		
90				Waveguide size		
PSI				Waveguide pressure section inlet		
30				Pressure rate		
G				With gauge		
C				Cover flange		
G				Groove flange		
A				Material aluminum		
30				Length		

Waveguide twist

Keyee Microwave manufactures full wide band waveguide twist is a type of connecting waveguide covering 0.3 to 300GHz. There are standard types of waveguides such as rectangular, square, circular, single ridged, and double ridged.

For more info, please contact sales engineer.



P/N	WG type		Flange	Freq. (GHz)	VSWR	Material
KY2300TW2000CGA	WG00	R3/WR2300	FDP/FDM	0.32-0.49	1.1	Al
KY2100TW2000CGA	WG0	R3/WR2100	FDP/FDM	0.35-0.53	1.1	Al
KY1800TW2000CGA	WG1	R5/WR1800	FDP/FDM	0.41-0.62	1.1	Al
KY1500TW2000CGA	WG2	R6/WR1500	FDP/FDM	0.49-0.75	1.1	Al
KY1150TW2000CGA	WG3	R8/WR1150	FDP/FDM	0.64-0.98	1.1	Al



KY975TW2000CGA	WG4	R9/WR975	FDP/FDM	0.75-1.15	1.1	Al
KY770TW2000CGA	WG5	R12WR770	FDP/FDM	0.96-1.46	1.1	Al
KY650TW2000CGA	WG 6	R14/WR650	FDP/FDM	1.12 - 1.70	1.1	Al
KY510TW2000CGA	WG 7	R18/WR510	FDP/FDM	1.45-2.20	1.1	Al
KY430TW2000CGA	WG 8	R22/WR430	FDP/FDM	1.70 - 2.60	1.1	Al
KY340TW2000CGA	WG 9A	R26/WR340	FDP/FDM	2.17-3.30	1.1	Al
KY284TW2000CGA	WG 10	R32/WR284	FDP/FDM	2.60 - 3.95	1.1	Al
KY229TW2000CGA	WG 11A	R40/WR229	FDP/FDM	3.30 - 4.90	1.1	Al
KY187TW2000CGA	WG 12	R48/WR187	FDP/FDM	3.95 - 5.85	1.1	Al
KY159TW2000CGA	WG 13	R58/WR159	FDP/FDM	4.90 - 7.05	1.1	Al
KY137TW2000CGA	WG 14	R70/WR137	FDP/FDM	5.85 - 8.20	1.1	Al
KY112TW2000CGA	WG 15	R84/WR112	FBP/FBM/FBE	7.05 - 10.0	1.1	Al
KY90TW2000CGA	WG 16	R100/WR90	FBP/FBM/FBE	8.20 - 12.4	1.1	Al/Cu
KY75TW2000CGA	WG 17	R120/WR75	FBP/FBM/FBE	10.0 - 15.0	1.1	Al/Cu



KY62TW2000CGA	WG 18	R140/WR62	FBP/FBM/FBE	12.4 - 18.0	1.1	Al/Cu
KY51TW2000CGA	WG 19	R180/WR51	FBP/FBM/FBE	15.0 - 22.0	1.1	Al/Cu
KY42TW2000CGA	WG 20	R220/WR42	FBP/FBM/FBE	18.0 - 26.5	1.1	Al/Cu
KY34TW2000CGA	WG 21	R260/WR34	FBP/FBM/FBE	22.0 - 33.0	1.1	Al/Cu
KY28TW2000CGA	WG 22	R320/WR28	FBP/FBM/FBE	26.5 - 40.0	1.1	Al/Cu
KY22TW2000CGA	WG 23	R400/WR22	FUGP	33.0 - 50.0	1.1	Cu
KY19TW2000CGA	WG24	R500/WR19	FUGP	40-60	1.1	Cu
KY15TW2000CGA	WG25	R/620WR15	FUGP	55-65	1.1	Cu
KY12TW2000CGA	WG26	R740WR12	FUGP	60-90	1.1	Cu
KY10TW2000CGA	WG27	R900/WR10	FUGP	70-112	1.1	Cu
Ordering P/N information Example: KY975TW2000CGA						
Numbers in P/N			Indicate			
KY			Keyee Microwave			
975			Waveguide size			
TW			Waveguide Twist			
2000			Length: 2 meter			
C			Cover flange			

G	Groove Flange
A	Material

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.



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

Waveguide transition/taper

Keyee Microwave manufactures full wide band waveguide transition/taper from 0.3-110GHz. Waveguide taper including rectangular to mmwave waveguide, rectangular to circular waveguide, rectangular to double ridged waveguide. Length, flange, surface treatment, painting are all selected by customer system requirement.

For more info, please contact sales engineer.



P/N	WG Size	Flange 1	WG Size	Flange 2	Freq. (GHz)	VSWR	Material
KYWT650T510CGA200	WR650	R14/WR650	WR510	R18/WR510	1.12 - 1.70	1.1	Al



KYWT510T430CGA200	WR510	R18/WR510	WR430	R22/WR430	1.45-2.20	1.1	Al
KYWT430T340CGA200	WR430	R22/WR430	WR340	R26/WR340	1.70 - 2.60	1.1	Al
KYWT340T284CGA200	WR340	R26/WR340	WR284	R32/WR284	2.17-3.30	1.1	Al
KYWT284T229CGA200	WR284	R32/WR284	WR229	R40/WR229	2.60 - 3.95	1.1	Al
KYWT229T187CGA200	WR229	R40/WR229	WR187	R48/WR187	3.30 - 4.90	1.1	Al
KYWT187T159CGA200	WR187	R48/WR187	WR159	R58/WR159	3.95 - 5.85	1.1	Al
KYWT159T137CGA200	WR159	R58/WR159	WR137	R70/WR137	4.90 - 7.05	1.1	Al
KYWT137T112CGA100	WR137	R70/WR137	WR112	R84/WR112	5.85 - 8.20	1.1	Al
KYWT112T90CGA100	WR112	R84/WR112	WR90	R100/WR90	7.05 - 10.0	1.1	Al
KYWT90T75CGA100	WR90	R100/WR90	WR75	R120/WR75	8.20 - 12.4	1.1	Al/Cu
KYWT75T62CGA100	WR75	R120/WR75	WR62	R140/WR62	10.0 - 15.0	1.1	Al/Cu
KYWT62T51CGA100	WR62	R140/WR62	WR51	R180/WR51	12.4 - 18.0	1.1	Al/Cu
KYWT51T42CGA100	WR51	R180/WR51	WR42	R220/WR42	15.0 - 22.0	1.1	Al/Cu
KYWT42T34CGA100	WR42	R220/WR42	WR34	R260/WR34	18.0 - 26.5	1.1	Al/Cu



KYWT34T28CGA100	WR34	R260/WR34	WR28	R320/WR28	22.0 - 33.0	1.1	Al/Cu
KYWT28T22CGA100	WR28	R320/WR28	WR22	R400/WR22	26.5 - 40.0	1.1	Al/Cu
Ordering P/N information Example: KYWT284T229CGA200							
Numbers in P/N				Indicate			
KY				Keyee Microwave			
WT				Waveguide transition			
284T229				Waveguide size			
C				Cover flange			
G				Groove flange			
A				Material			
200				Length			

Double ridged waveguide components

Double ridged Waveguide to Coaxial Transition

Keyee Microwave manufactures Double ridged Waveguide to Coaxial Adapter is for wide frequency range application covering a full frequency range. It realize the function of wide band compared standard, with multiple flange and coaxial connector types and configurations available. For more information or any interested model, please contact our sales engineers.

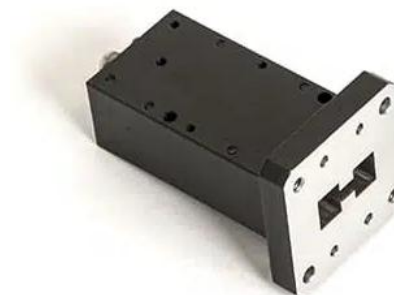
Features:

Full range components

Low insertion and return loss

Standard and Precision VSWR

Low, Medium and high power handling optional



P/N	Freq Range(GHz)	VSWR (Max)	WG Type		Material
KYD84WTCASFCA	0.84-2	1.50	24JS840	WRD84D24	Al/Cu
KYD150WTCASFCA	1.5-3.6	1.50	24JS1500	WRD150D24	Al/Cu
KYD200WTCASFCA	2-4.8	1.50	24JS2000	WRD200D24	Al/Cu
KYD250WTCASFCA	2.6-7.8	1.50	30JS2500	WRD250D30	Al/Cu
KYD350WTCANFCA	3.5-8.2	1.50	24JS3500	WRD350D24	Al/Cu
KYD475WTCANFCA	4.75-11	1.50	24JS4750	WRD475D24	Al/Cu
KYD500WTCANFCA	5-18	1.50	36JS5000	WRD500D36	Al/Cu

KYD580WTCANFCA	5.8-16	1.50	28JS5800	WRD580D28	Al/Cu
KYD650WTCANFCA	6.5-18	1.50	28JS6500	WRD650D28	Al/Cu
KYD750WTCANFCA	7.5-18	1.50	24JS7500	WRD750D24	Al/Cu
KYD700WTCANFCA	7-18.5	1.50	26JS7000	WRD700D26	Al/Cu
KYD110WTCANFCA	11-26.5	1.50	24JS1100	WRD110C24	Al/Cu
KYD180WTCANFCA	18-40	2.00	24JS1800	WRD180C24	Al/Cu
Ordering P/N information Example: KYD84WTCANFCA					
Numbers in P/N			Indicate		
KY			Keyee Microwave		
D84			Waveguide size		
WTCA			Waveguide to coaxial adapter right angle		
WTCAI			Waveguide to coaxial adapter in line		
SF(SMA female)			Coaxial connector		
C			Cover flange		
A			Material		

Double ridged waveguide termination

Keyee Microwave manufactures a wide selection of waveguide double ridged terminations covering WRD84 to WRD180. Or some customized power handling with special wide frequency range also available. Please call us and discuss your special needs with one of our sales engineers.

Features:

Standard and double ridged optional

Air or water cooling

Full waveguide frequency range

Low, high and super high power handling.



P/N	WG Size		Freq. (GHz)	Avg. Power Watts	VSWR	Dim A (In)	Dim B	Dim C
KYD200HPL300CA	WRD200	D24	2.00-4.80	Low, high, ultra high	1.15	18.00	6.00	5.00
KYD250HPL300CA	WRD250	D30	2.50-7.50	Low, high, ultra high	1.15	11.50	4.50	4.50
KYD475HPL300CA	WRD475	D24	4.75-11.0	Low, high, ultra high	1.10	12.00	6.00	6.00
KYD580HPL300CA	WRD580	D28	5.80-16.0	Low, high, ultra high	1.10	9.50	5.00	5.00
KYD650HPL300CA	WRD650	D28	6.50-18.0	Low, high, ultra high	1.10	10.00	5.00	5.00
KYD750HPL300CA	WRD750	D24	7.50-18.0	Low, high, ultra high	1.10	10.00	5.00	5.00
Ordering P/N information Example: KYD650HPL300CA								

Numbers in P/N	Indicate
KY	Keyee Microwave
D650	Waveguide size
HPL	High power Waveguide termination
300	Average power(CW)
C	Cover flange
A	Material

Double ridged waveguide fixed attenuator

Keyee Microwave manufactures double ridged waveguide fixed attenuators covering WRD84 to WRD180. Attenuation values is from 10dB to 60dB attenuators. Our 50dB attenuators are used in high power applications and are some of the largest power attenuators available. It can be low, high and super high power handling. The assembly construction includes a precision element for optimum electrical performance, but note that Attenuation vs. Frequency can vary greatly depending on the attenuation at a given frequency.

For more information, feel free to call us and discuss your needs with one of our design engineers.

Feature:

Standard and double ridged optional

Standard fixed and coupling type available

Attenuation: 3-60dB





Low and high power optional.

P/N	Frequency(GHz)	VSWR	Waveguide size		Attenuation(dB)	Freq. Response(dB)	Material
KYD84WA300CGA30	0.84-2	1.15	24JS840	WRD84D24	10~50	±3.5	Al/Cu
KYD150WA300CGA30	1.5-3.6	1.15	24JS1500	WRD150D24	10~50	±3.5	Al/Cu
KYD200WA300CGA30	2-4.8	1.15	24JS2000	WRD200D24	10~50	±3.5	Al/Cu
KYD250WA300CGA30	2.6-7.8	1.15	30JS2500	WRD250D30	10~50	±3.5	Al/Cu
KYD350WA300CGA30	3.5-8.2	1.15	24JS3500	WRD350D24	10~50	±3.5	Al/Cu
KYD475WA300CGA30	4.75-11	1.15	24JS4750	WRD475D24	10~50	±3.5	Al/Cu
KYD500WA300CGA30	5.0-18	1.15	36JS5000	WRD500D36	10~50	±3.5	Al/Cu
KYD580WA300CGA30	5.8-16	1.15	28JS5800	WRD580D28	10~50	±3.5	Al/Cu
KYD650WA300CGA30	6.5-18	1.15	28JS6500	WRD650D28	10~50	±3.5	Al/Cu
KYD750WA300CGA30	7.5-18	1.15	24JS7500	WRD750D24	10~50	±3.5	Al/Cu
KYD700WA300CGA30	7-18.5	1.15	26JS7000	WRD700D26	10~50	±3.5	Al/Cu
KYD110WA300CGA30	11-26.5	1.2	24JS1100	WRD110C24	10~50	±3.5	Al/Cu



KYD180WA300CGA30	18-40	1.2	24JS1800	WRD180C24	10~50	±3.5	Al/Cu
Ordering P/N description: Example:KYD84WA300CGA30							
Numbers in P/N				Indicate			
KY				Keyee Microwave			
D84				Waveguide size			
WA				Waveguide fixed attenuator			
300				Power handling 300W CW			
C				Cover flange			
G				Groove flange			
A				Material			
30				Attenuation			

Double ridged waveguide rotary joint

Keyee Microwave manufactures a wide selection of waveguide double ridged rotary joint covering WRD84 to WRD180. Or some customized power handling with special wide frequency range also available. Please call us and discuss your special needs with one of our sales engineers.

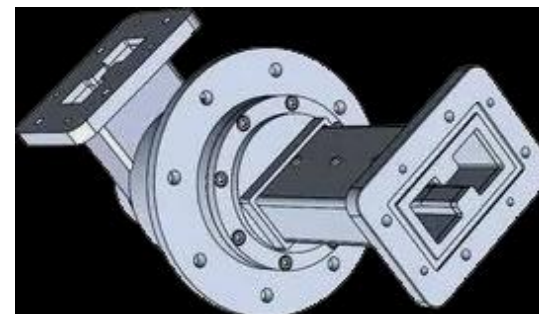
Standard and Double ridged optional

Shaped style: Single and double I, L and U

Pressure(seal) and non pressure available

High rotary speed, high power handling

Long life time



P/N	Frequency(GHz)	VSWR Max	IL(dB) Max	Flange type	Waveguide type		Material	AVG Power
KYD84SWRJLCGA	0.84-2	1.5	0.5	FP	WRD84	D24	Cu/Al	200W
KYD150SWRJLCGA	1.5-3.6	1.5	0.5	FP	WRD150	D24	Cu/Al	200W
KYD200SWRJLCGA	2-4.8	1.5	0.5	FP	WRD200	D24	Cu/Al	200W
KYD250SWRJLCGA	2.6-7.8	1.5	0.5	FP	WRD250	D30	Cu/Al	200W
KYD350SWRJLCGA	3.5-8.2	1.5	0.5	FP	WRD350	D24	Cu/Al	200W



KYD475SWRJLCGA	4.75-11	1.5	0.5	FP	WRD475	D24	Cu/Al	100W
KYD500SWRJLCGA	5.0-18	1.5	0.5	FP	WRD500	D36	Cu/Al	100W
KYD580SWRJLCGA	5.8-16	1.5	0.5	FP	WRD580	D28	Cu/Al	100W
KYD650SWRJLCGA	6.5-18	1.5	0.5	FP	WRD650	D28	Cu/Al	100W
KYD750SWRJLCGA	7-18.5	1.5	0.5	FP	WRD750	D24	Cu/Al	100W
KYD700SWRJLCGA	7.5-18	1.5	0.5	FP	WRD700	D26	Cu/Al	100W
KYD110SWRJLCGA	11-26.5	1.8	0.8	FP	WRD110	C24	Cu/Al	50W
KYD180SWRJLCGA	18-40	2	0.8	FP	WRD180	C24	Cu/Al	30W
Ordering P/N information Example: KYD580SWRJLCGA								
Numbers in P/N					Indicate			
KY					Keyee Microwave			
D84					Waveguide size			

S	Single channel
WRJ	Waveguide Rotary joint
L	L-shaped
C	Cover flange
G	Groove flange
A	Material

Double ridged waveguide broadwall directional coupler

Keyee Microwave manufactures double ridged waveguide broadwall directional coupler covers the full waveguide frequency and is available in either aluminum or copper/brass construction. Coupling options from 10-60dB. Double ridged 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





P/N	WG Size	Waveguide type		Freq. (GHz)	Coupling(dB)	Input port
KYD84SBWDC30CGSFA	WRD84	24JS840	WRD84D24	0.84-2	10-60	Flange/ Coax.
KYD150SBWDC30CGSFA	WRD150	24JS1500	WRD150D24	1.5-3.6	10-60	Flange/ Coax.
KYD200SBWDC30CGSFA	WRD200	24JS2000	WRD200D24	2-4.8	10-60	Flange/ Coax.
KYD250SBWDC30CGSFA	WRD250	30JS2500	WRD250D30	2.6-7.8	10-60	Flange/ Coax.
KYD350SBWDC30CGSFA	WRD350	24JS3500	WRD350D24	3.5-8.2	10-60	Flange/ Coax.
KYD475SBWDC30CGSFA	WRD475	24JS4750	WRD475D24	4.75-11	10-60	Flange/ Coax.
KYD500SBWDC30CGSFA	WRD500	36JS5000	WRD500D36	5.0-18	10-60	Flange/ Coax.
KYD580SBWDC30CGSFA	WRD580	28JS5800	WRD580D28	5.8-16	10-60	Flange/ Coax.
KYD650SBWDC30CGSFA	WRD650	28JS6500	WRD650D28	6.5-18	10-60	Flange/ Coax.
KYD750SBWDC30CGSFA	WRD750	24JS7500	WRD750D24	7-18.5	10-60	Flange/ Coax.
KYD700SBWDC30CGSFA	WRD700	26JS7000	WRD700D26	7.5-18	10-60	Flange/ Coax.
KYD110SBWDC30CGSFA	WRD110	24JS1100	WRD110C24	11-26.5	10-60	Flange/ Coax.
KYD180SBWDC30CGSFA	WRD180	24JS1800	WRD180C24	18-40	10-60	Flange/ Coax.

Ordering P/N information Example: KYD750SBWDC30CGSFA	
Numbers in P/N	Indicate
KY	Keyee Microwave
D	Double ridged
750	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

Double ridged waveguide straight section

Keyee Microwave manufactures full wide band double ridged waveguide straight section is a

type of connecting



waveguide covering WRD84 to WRD180. There are standard types and custom all available.

Features: Full band components

Standard and double ridged optional

Aluminum/Copper

For more info, please contact sales engineer.

P/N	WG Size	Waveguide type		Freq. (GHz)	VSWR	Material
KYD84SW500CGA	WRD84	24JS840	WRD84D24	0.84-2	1.3	Al
KYD150SW500CGA	WRD150	24JS1500	WRD150D24	1.5-3.6	1.3	Al
KYD200SW500CGA	WRD200	24JS2000	WRD200D24	2-4.8	1.3	Al
KYD250SW500CGA	WRD250	30JS2500	WRD250D30	2.6-7.8	1.3	Al
KYD350SW500CGA	WRD350	24JS3500	WRD350D24	3.5-8.2	1.3	Al
KYD475SW500CGA	WRD475	24JS4750	WRD475D24	4.75-11	1.3	Al
KYD500SW500CGA	WRD500	36JS5000	WRD500D36	5.0-18	1.3	Al
KYD580SW500CGA	WRD580	28JS5800	WRD580D28	5.8-16	1.3	Al
KYD650SW500CGA	WRD650	28JS6500	WRD650D28	6.5-18	1.3	Al



KYD750SW500CGA	WRD750	24JS7500	WRD750D24	7-18.5	1.3	Al
KYD700SW500CGA	WRD700	26JS7000	WRD700D26	7.5-18	1.3	Al
KYD110SW500CGA	WRD110	24JS1100	WRD110C24	11-26.5	1.3	Al
KYD180SW500CGA	WRD180	24JS1800	WRD180C24	18-40	1.3	Al
Ordering P/N information Example: KYD84SW500CGA						
Numbers in P/N			Indicate			
KY			Keyee Microwave			
D84			Waveguide size			
SW			Straight waveguide			
500			Length=0.5 meter			
C			Cover flange			
G			Groove Flange			
A			Material			

Double ridged waveguide fixed attenuator

Keyee Microwave manufactures double ridged waveguide fixed attenuators covering WRD84 to WRD180. Attenuation values is from 10dB to 60dB attenuators. It is used in high power applications and are some of the largest power attenuators available. It can be low, high and super high power handling. The assembly construction includes a precision element for optimum electrical performance, but note that Attenuation vs. Frequency can vary greatly depending on the attenuation at a given frequency.

For more information, feel free to call us and discuss your needs with one of our design engineers.

Feature:

Standard and double ridged optional

Standard fixed and coupling type available

Attenuation: 3-60dB

Low and high power optional.



P/N	Frequency(GHz)	VSWR	Waveguide size		Attenuation(dB)	Freq. Response(dB)	Material
KYD84WA300CGA30	0.84-2	1.15	24JS840	WRD84D24	10~50	±3.5	Al/Cu
KYD150WA300CGA30	1.5-3.6	1.15	24JS1500	WRD150D24	10~50	±3.5	Al/Cu
KYD200WA300CGA30	2-4.8	1.15	24JS2000	WRD200D24	10~50	±3.5	Al/Cu
KYD250WA300CGA30	2.6-7.8	1.15	30JS2500	WRD250D30	10~50	±3.5	Al/Cu



KYD350WA300CGA30	3.5-8.2	1.15	24JS3500	WRD350D24	10~50	±3.5	Al/Cu
KYD475WA300CGA30	4.75-11	1.15	24JS4750	WRD475D24	10~50	±3.5	Al/Cu
KYD500WA300CGA30	5.0-18	1.15	36JS5000	WRD500D36	10~50	±3.5	Al/Cu
KYD580WA300CGA30	5.8-16	1.15	28JS5800	WRD580D28	10~50	±3.5	Al/Cu
KYD650WA300CGA30	6.5-18	1.15	28JS6500	WRD650D28	10~50	±3.5	Al/Cu
KYD750WA300CGA30	7.5-18	1.15	24JS7500	WRD750D24	10~50	±3.5	Al/Cu
KYD700WA300CGA30	7-18.5	1.15	26JS7000	WRD700D26	10~50	±3.5	Al/Cu
KYD110WA300CGA30	11-26.5	1.2	24JS1100	WRD110C24	10~50	±3.5	Al/Cu
KYD180WA300CGA30	18-40	1.2	24JS1800	WRD180C24	10~50	±3.5	Al/Cu
Ordering P/N description: Example:KYD84WA300CGA30							
Numbers in P/N				Indicate			
KY				Keyee Microwave			
D84				Waveguide size			



WA	Waveguide fixed attenuator
300	Power handling 300W CW
C	Cover flange
G	Groove flange
A	Material
30	Attenuation

Double ridged flexible twisted waveguide

Keyee Microwave manufactures double ridged flexible waveguide covering from WR580 to WRD180. A number of solutions for flexible waveguide interconnect including standard flexible waveguide and seamless type solutions are available on request. Pressure and non-pressure are selectable. For more info, please contact sales engineer.





P/N	Freq GHz	Max I.L.(dB/ft)	VSWR (Typical)		Power handling CW (kW)	Bend value	WG Type		Flange
			<33"	>33"		E/ H-plane (in)			
KY284FTW300CGB	2.60 - 3.95	0.04	1.04	1.07	6.50	7.0/14.0	WG 10	R32/WR284	FDP/FDM
KY229FTW300CGB	3.30 - 4.90	0.04	1.05	1.07	4.00	6.5/13.0	WG 11A	R40/WR229	FDP/FDM
KY187FTW300CGB	3.95 - 5.85	0.05	1.05	1.07	3.00	6.5/13.0	WG 12	R48/WR187	FDP/FDM
KY159FTW300CGB	4.90 - 7.05	0.05	1.05	1.08	2.50	5.0/10.0	WG 13	R58/WR159	FDP/FDM
KY137FTW300CGB	5.85 - 8.20	0.06	1.05	1.09	2.00	4.0/8.0	WG 14	R70/WR137	FDP/FDM
KY112FTW300CGB	7.05 - 10.0	0.08	1.07	1.10	1.30	3.0/6.0	WG 15	R84/WR112	FBP/FBM/FBE
KY90FTW300CGB	8.20 - 12.4	0.10	1.07	1.10	1.00	2.5/5.0	WG 16	R100/WR90	FBP/FBM/FBE
KY75FTW300CGB	10.0 - 15.0	0.15	1.08	1.10	0.95	2.5/4.5	WG 17	R120/WR75	FBP/FBM/FBE
KY62FTW300CGB	12.4 - 18.0	0.16	1.10	1.13	0.40	2.0/4.0	WG 18	R140/WR62	FBP/FBM/FBE
KY51FTW300CGB	15.0 - 22.0	0.35	1.15	1.18	0.20	2.0/4.0	WG 19	R180/WR51	FBP/FBM/FBE



KY42FTW300CGB	18.0 - 26.5	0.38	1.18	1.23	0.15	1.5/3.0	WG 20	R220/WR42	FBP/FBM/FBE
KY34FTW300CGB	22.0 - 33.0	0.45	1.17	1.20	0.10	1.5/3.0	WG 21	R260/WR34	FBP/FBM/FBE
KY28FTW300CGB	26.5 - 40.0	0.60	1.30	1.30	0.10	1.0/2.0	WG 22	R320/WR28	FBP/FBM/FBE
KYD580FTW300CGB	5.8-16	0.05	1.30	1.30	0.5	4.0/8.0	28JS5800	WRD580D28	FBP/FBM
KYD650FTW300CGB	6.5-18	0.05	1.30	1.30	0.5	3.5/7.0	28JS6500	WRD650D28	FBP/FBM
KYD750FTW300CGB	7-18.5	0.05	1.30	1.30	0.5	3.3/7.0	24JS7500	WRD750D24	FBP/FBM
KYD180FTW300CGB	18-40	0.05	1.30	1.30	0.5	2.0/4	24JS1800	WRD180C24	FBP/FBM
Ordering P/N information Example: KY284FTW300CGB									
Numbers in P/N				Indicate					
KY				Keyee Microwave					
284				Waveguide size					
FTW				Flexible twisted waveguide					



300	Length 300mm
C	Cover flange
G	Groove flange
B	Material

Double Ridged Waveguide Magic Tee

Keyee Microwave manufactures Double Ridged Waveguide Magic Tee includes E Plane Tees, H Plane Tees, Hybrid Tees and Magic Tees covering sizes WRD84 thru WRD180.

It is four-port coupler for matching, balance and isolation. E-plane to H-plane Isolation is a function of the symmetry which is carefully balanced on each unit. If the E-plane port 4 or the H-plane port 2 are used as inputs the split is on the output collinear ports 1 and 3. When the input is E plane port 4 the outputs are out of phase 180 deg.

This feature is widely used in monopulse antenna feed structure and phasing testing setup. For more information feel free to call us and discuss your needs with one of our design engineers.



P/N	WG Size	Waveguide type		Freq. (GHz)	VSWR	Isolation min	BalancedB +/- (max)
KYD84WHMT30CCGA	WRD84	24JS840	WRD84D24	0.84-2	1.4	30	0.15
KYD150WHMT30CCGA	WRD150	24JS1500	WRD150D24	1.5-3.6	1.4	30	0.15
KYD200WHMT30CCGA	WRD200	24JS2000	WRD200D24	2-4.8	1.4	30	0.15
KYD250WHMT30CCGA	WRD250	30JS2500	WRD250D30	2.6-7.8	1.4	30	0.15
KYD350WHMT30CCGA	WRD350	24JS3500	WRD350D24	3.5-8.2	1.4	30	0.15
KYD475WHMT30CCGA	WRD475	24JS4750	WRD475D24	4.75-11	1.4	30	0.15
KYD500WHMT30CCGA	WRD500	36JS5000	WRD500D36	5.0-18	1.4	30	0.15



KYD580WHMT30CCGA	WRD580	28JS5800	WRD580D28	5.8-16	1.4	30	0.15
KYD650WHMT30CCGA	WRD650	28JS6500	WRD650D28	6.5-18	1.4	30	0.15
KYD750WHMT30CCGA	WRD750	24JS7500	WRD750D24	7-18.5	1.4	30	0.15
KYD700WHMT30CCGA	WRD700	26JS7000	WRD700D26	7.5-18	1.4	30	0.15
KYD110WHMT30CCGA	WRD110	24JS1100	WRD110C24	11-26.5	1.4	30	0.15
KYD180WHMT30CCGA	WRD180	24JS1800	WRD180C24	18-40	1.4	30	0.15

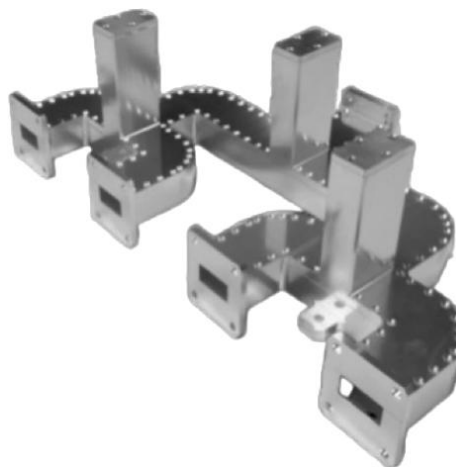
Ordering P/N information:
Example:KYD84WHMT30CCGA

Numbers in P/N	Indicate
KY	Keyee Microwave
D84	Waveguide size
WHMT	Waveguide Hybrid Magic Tee
30	Isolation
C	Cover flange

G	Groove Flange
A	Material

Double ridged waveguide power splitter and combiner

Keyee Microwave manufactures double ridged waveguide power splitter and combiner is used to combine or divide multiple radio frequency signals. It is size ranges from WRD84 to WRD180. It can be divided or combined to 2, 4 6, 8, 16 and more ways. With or without isolation by including or excluding waveguide load realize. For more information or any interested model, please contact.



P/N	WG Size	Waveguide type	Freq. (GHz)	Ways	VSWR	Insertion loss	Power each way
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KYD84WPC2A500	WRD84	24JS840	WRD84D24	0.84-2	2/4/6	1.5	0.4	500
KYD150WPC2A500	WRD150	24JS1500	WRD150D24	1.5-3.6	2/4/6	1.5	0.4	500
KYD200WPC2A500	WRD200	24JS2000	WRD200D24	2-4.8	2/4/6	1.5	0.4	500
KYD250WPC2A500	WRD250	30JS2500	WRD250D30	2.6-7.8	2/4/6	1.5	0.4	500
KYD350WPC2A500	WRD350	24JS3500	WRD350D24	3.5-8.2	2/4/6	1.5	0.4	500
KYD475WPC2A500	WRD475	24JS4750	WRD475D24	4.75-11	2/4/6	1.5	0.4	500
KYD500WPC2A500	WRD500	36JS5000	WRD500D36	5.0-18	2/4/6	1.5	0.4	500
KYD580WPC2A500	WRD580	28JS5800	WRD580D28	5.8-16	2/4/6	1.5	0.4	500
KYD650WPC2A500	WRD650	28JS6500	WRD650D28	6.5-18	2/4/6	1.5	0.4	500
KYD750WPC2A500	WRD750	24JS7500	WRD750D24	7-18.5	2/4/6	1.5	0.4	500
KYD700WPC2A500	WRD700	26JS7000	WRD700D26	7.5-18	2/4/6	1.5	0.4	500
KYD110WPC2A500	WRD110	24JS1100	WRD110C24	11-26.5	2/4/6	1.5	0.4	500
KYD180WPC2A500	WRD180	24JS1800	WRD180C24	18-40	2/4/6	1.5	0.4	500
Ordering P/N information								



Example: KYD650WPC2A500	
Numbers in P/N	Indicate
KY	Keyee Microwave
D650	Waveguide size
WPC	Waveguide power combiner
2	2 ways
A	Material aluminum
500	Power handling 500W CW

Double ridged Waveguide 3dB hybrid combiner

Keyee Microwave manufactures double ridged waveguide 3db hybrid combiner is a narrow band waveguide components from WRD84 to WRD180. They are typically used for power distribution or power combination. It features small volume, the standard coupling level is 3 dB, the phase difference is 90° at distribution holes. It can be selected with X-shaped, Z-shaped, U-shaped and Y shaped etc.

For more information feel free to call us and discuss your needs with one of our design engineers.



P/N	WG Size	Waveguide type		Freq. (GHz)	VSWR	Iso.min	Balance dB +/- (max)
KYD84W3HC26UCCCA	WRD84	24JS840	WRD84D24	0.84-2	1.3	26	0.25
KYD150W3HC26UCCCA	WRD150	24JS1500	WRD150D24	1.5-3.6	1.3	26	0.25
KYD200W3HC26UCCCA	WRD200	24JS2000	WRD200D24	2-4.8	1.3	26	0.25
KYD250W3HC26UCCCA	WRD250	30JS2500	WRD250D30	2.6-7.8	1.3	26	0.25
KYD350W3HC26UCCCA	WRD350	24JS3500	WRD350D24	3.5-8.2	1.3	26	0.25
KYD475W3HC26UCCCA	WRD475	24JS4750	WRD475D24	4.75-11	1.3	26	0.25



KYD500W3HC26UCCCA	WRD500	36JS5000	WRD500D36	5.0-18	1.3	26	0.25
KYD580W3HC26UCCCA	WRD580	28JS5800	WRD580D28	5.8-16	1.3	26	0.25
KYD650W3HC26UCCCA	WRD650	28JS6500	WRD650D28	6.5-18	1.3	26	0.25
KYD750W3HC26UCCCA	WRD750	24JS7500	WRD750D24	7-18.5	1.3	26	0.25
KYD700W3HC26UCCCA	WRD700	26JS7000	WRD700D26	7.5-18	1.3	26	0.25
KYD110W3HC26UCCCA	WRD110	24JS1100	WRD110C24	11-26.5	1.3	26	0.25
KYD180W3HC26UCCCA	WRD180	24JS1800	WRD180C24	18-40	1.3	26	0.25
Ordering P/N information Example: KYD84W3HC26UCCCA							
Numbers in P/N				Indicate			
KY				Keyee Microwave			
D650				Waveguide size			
W3HC				Waveguide 3dB hybrid combiner			
26				Isolation			



U	Shaped as U
C	Cover flange
A	Material

Double ridged waveguide twist

Keyee Microwave manufactures full wide band double ridged waveguide twist is a type of connecting waveguide covering WRD84 to WRD110. The flange, length, material, twist angle and twist type can be done based on your system needs. For more info, please contact sales engineer.



P/N	WG Size	Waveguide type		Freq. (GHz)	VTWR	Material
KYD84TW500CGA	WRD84	24JS840	WRD84D24	0.84-2	1.3	Al
KYD150TW500CGA	WRD150	24JS1500	WRD150D24	1.5-3.6	1.3	Al



KYD200TW500CGA	WRD200	24JS2000	WRD200D24	2-4.8	1.3	Al
KYD250TW500CGA	WRD250	30JS2500	WRD250D30	2.6-7.8	1.3	Al
KYD350TW500CGA	WRD350	24JS3500	WRD350D24	3.5-8.2	1.3	Al
KYD475TW500CGA	WRD475	24JS4750	WRD475D24	4.75-11	1.3	Al
KYD500TW500CGA	WRD500	36JS5000	WRD500D36	5.0-18	1.3	Al
KYD580TW500CGA	WRD580	28JS5800	WRD580D28	5.8-16	1.3	Al
KYD650TW500CGA	WRD650	28JS6500	WRD650D28	6.5-18	1.3	Al
KYD750TW500CGA	WRD750	24JS7500	WRD750D24	7-18.5	1.3	Al
KYD700TW500CGA	WRD700	26JS7000	WRD700D26	7.5-18	1.3	Al
KYD110TW500CGA	WRD110	24JS1100	WRD110C24	11-26.5	1.3	Al
KYD180TW500CGA	WRD180	24JS1800	WRD180C24	18-40	1.3	Al
Ordering P/N information Example: KYD84TW500CGA						
Numbers in P/N				Indicate		



KY	Keyee Microwave
D84	Waveguide size
TW	Double ridged waveguide twist
500	Length
C	Cover flange
G	Groove Flange
A	Material

Double ridged waveguide sweep bend

Keyee Microwave manufactures full wide band double ridged waveguide sweep bend covering WRD84 to WRD180. 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.



P/N	Freq Range (GHz)	VSWR(Max)	WG Type		Material
KYD84WSB100*100HCGA	0.84-2	1.50	24JS840	WRD84D24	Al/Cu



KYD150WSB100*100HCGA	1.5-3.6	1.50	24JS1500	WRD150D24	Al/Cu
KYD200WSB100*100HCGA	2-4.8	1.50	24JS2000	WRD200D24	Al/Cu
KYD250WSB100*100HCGA	2.6-7.8	1.50	30JS2500	WRD250D30	Al/Cu
KYD350WSB100*100HCGA	3.5-8.2	1.50	24JS3500	WRD350D24	Al/Cu
KYD475WSB100*100HCGA	4.75-11	1.50	24JS4750	WRD475D24	Al/Cu
KYD500WSB100*100HCGA	5-18	1.50	36JS5000	WRD500D36	Al/Cu
KYD580WSB100*100HCGA	5.8-16	1.50	28JS5800	WRD580D28	Al/Cu
KYD650WSB100*100HCGA	6.5-18	1.50	28JS6500	WRD650D28	Al/Cu
KYD750WSB100*100HCGA	7.5-18	1.50	24JS7500	WRD750D24	Al/Cu
KYD700WSB100*100HCGA	7-18.5	1.50	26JS7000	WRD700D26	Al/Cu
KYD110WSB100*100HCGA	11-26.5	1.50	24JS1100	WRD110C24	Al/Cu
KYD180WSB100*100HCGA	18-40	2.00	24JS1800	WRD180C24	Al/Cu
Ordering P/N information Example: KYD84WSB100*100HCGA					
Numbers in P/N			Indicate		
KY			Keyee Microwave		
D84			Waveguide size		
WSB			Waveguide Sweep bend		
100*100			Dimension		
H			H bend		

C	Cover flange
G	Groove flange
A	Material

Double ridged waveguide loop coupler

Keyee Microwave manufactures double ridged waveguide loop coupler covers the full waveguide frequency and is available in either aluminum or copper/brass construction. It is one types of Ferrite components from WRD84 to WRD180. Coupling options from 20-50dB. It's input port are optional with flange and coaxial connector types and configurations to cover all requirements you may have for microwave couplers.

For more info, please contact sales engineer.

Feature:

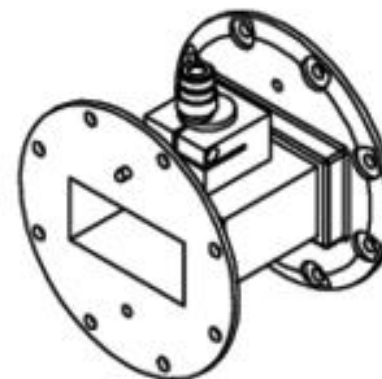
Standard and double ridged option

Single and dual loop

Compact structure

Input port: Flange and coaxial type

High power handling



P/N	WG Size	Waveguide type		Freq. (GHz)	Coupling(dB)	Input port
KYD84WSLC30CGSFA200	WRD84	24JS840	WRD84D24	0.84-2	20-50	Flange/ Coax.



KYD150WSLC30CGSFA200	WRD150	24JS1500	WRD150D24	1.5-3.6	20-50	Flange/ Coax.
KYD200WSLC30CGSFA200	WRD200	24JS2000	WRD200D24	2-4.8	20-50	Flange/ Coax.
KYD250WSLC30CGSFA200	WRD250	30JS2500	WRD250D30	2.6-7.8	20-50	Flange/ Coax.
KYD350WSLC30CGSFA200	WRD350	24JS3500	WRD350D24	3.5-8.2	20-50	Flange/ Coax.
KYD475WSLC30CGSFA200	WRD475	24JS4750	WRD475D24	4.75-11	20-50	Flange/ Coax.
KYD500WSLC30CGSFA200	WRD500	36JS5000	WRD500D36	5.0-18	20-50	Flange/ Coax.
KYD580WSLC30CGSFA200	WRD580	28JS5800	WRD580D28	5.8-16	20-50	Flange/ Coax.
KYD650WSLC30CGSFA200	WRD650	28JS6500	WRD650D28	6.5-18	20-50	Flange/ Coax.
KYD750WSLC30CGSFA200	WRD750	24JS7500	WRD750D24	7-18.5	20-50	Flange/ Coax.
KYD700WSLC30CGSFA200	WRD700	26JS7000	WRD700D26	7.5-18	20-50	Flange/ Coax.
KYD110WSLC30CGSFA200	WRD110	24JS1100	WRD110C24	11-26.5	20-50	Flange/ Coax.
KYD180WSLC30CGSFA200	WRD180	24JS1800	WRD180C24	18-40	20-50	Flange/ Coax.
Ordering P/N information Example:KYD84WSLC30CGSFA200						



Numbers in P/N	Indicate
KY	Keyee Microwave
D84	Waveguide size
WSLC	Waveguide single loop coupler
30	Coupling
C	Cover flange
G	Groove flange
SF(SMA female)	Coaxial connector type
A	Material
200	Power handling CW

Ferrite waveguide components

Waveguide circulator

Keyee Microwave manufactures a wide selection of waveguide circulator which is 3 or 4 port ferromagnetic devices used to regulate the RF signal flow within a system with minimal loss. Available in waveguide sizes WR650 through WR10 and WRD580 to WRD180 for double ridged.

Both low, medium and high power type are available and can be done structure as Standard and Differential Phase Shift Circulator. Either standard waveguide or double ridged can be manufactured and custom.



P/N	Frequency(GHz)	Bandwidth(MHz)	VSWR	IL(dB)	Iso.(dB)	WG Type		Material	Flange type
KY650WIC20CCGA200	1.13-1.73	70	1.2	0.3	20	WG 6	R14/WR650	Al	FDP/FDM
KY510WIC20CCGA200	1.45-2.20	90	1.2	0.3	20	WG 7	R18/WR510	Al	FDP/FDM
KY430WIC20CCGA200	1.72-2.61	110	1.2	0.3	20	WG 8	R22/WR430	Al	FDP/FDM
KY340WIC20CCGA200	2.17-3.30	130	1.2	0.3	20	WG 9A	R26/WR340	Al	FDP/FDM
KY284WIC20CCGA200	2.60-3.95	160	1.2	0.3	20	WG 10	R32/WR284	Al	FDP/FDM



KY229WIC20CCGA200	3.22-4.90	400	1.2	0.3	20	WG 11A	R40/WR229	Al	FDP/FDM
KY187WIC20CCGA200	3.94-5.99	490	1.2	0.3	20	WG 12	R48/WR187	Al	FDP/FDM
KY159WIC20CCGA200	4.64-7.05	580	1.2	0.3	20	WG 13	R58/WR159	Al	FDP/FDM
KY137WIC20CCGA200	5.38-8.17	700	1.2	0.3	20	WG 14	R70/WR137	Al/Cu	FDP/FDM
KY112WIC20CCGA200	6.57-9.99	700	1.2	0.3	20	WG 15	R84/WR112	Al/Cu	FBP/FBM/FBE
KY90WIC20CCGA200	8.20-12.40	800	1.2	0.3	20	WG 16	R100/WR90	Al/Cu	FBP/FBM/FBE
KY75WIC20CCGA200	9.84-15.0	1000	1.2	0.3	20	WG 17	R120/WR75	Al/Cu	FBP/FBM/FBE
KY62WIC20CCGA200	11.9-18.0	1000	1.2	0.3	20	WG 18	R140/WR62	Al/Cu	FBP/FBM/FBE
KY51WIC20CCGA200	14.5-22.0	1000	1.25	0.3	20	WG 19	R180/WR51	Al/Cu	FBP/FBM/FBE
KY42WIC20CCGA200	17.6-26.7	2000	1.25	0.3	20	WG 20	R220/WR42	Al/Cu	FBP/FBM/FBE
KY34WIC20CCGA200	21.7-33.0	2000	1.25	0.3	20	WG 21	R260/WR34	Al/Cu	FBP/FBM/FBE
KY28WIC20CCGA200	26.3-40.0	2000	1.25	0.4	20	WG 22	R320/WR28	Al/Cu	FBP/FBM/FBE



KY22WIC20CCGA200	32.9-50.1	2000	1.35	0.6	17	WG 23	R400/WR22	Cu	FBP/FBM/FBE
KY19WIC20CCGA200	39.2-59.6	2000	1.5	0.6	15	WG24	R500/WR19	Cu	FUGP
KY15WIC20CCGA200	49.8-75.8	2000	1.5	0.6	15	WG25	R/620WR15	Cu	FUGP
KY12WIC20CCGA200	60.5-91.9	2000	1.5	0.8	15	WG26	R740WR12	Cu	FUGP
KY10WIC20CCGA200	73.8-112	2000	1.5	1	15	WG27	R900/WR10	Cu	FUGP

Ordering P/N information
Example: -650WIC20CCGA200

Numbers in P/N	Indicate
KY	Keyee Microwave
650	Waveguide size
WIC	Waveguide circulator
20	Isolation
G	Groove flange
C	Cover flange
A	Material
200	Power handling 200W

Waveguide isolator

Keyee Microwave manufactures a wide selection of waveguide isolators which is a wide selection of waveguide isolators are 3 or 4 port ferromagnetic devices used to regulate the RF signal flow within a system with minimal loss. Available in waveguide sizes WR650 to WR10 and WRD580 to WRD180 for double ridged.

Both low, medium and high power type are available and can be done structure as Standard and Differential Phase Shift isolator. Either standard waveguide or double ridged can be manufactured and custom.

Typical Specifications:

Isolation: 26 dB min

Insertion Loss: 0.15 dB max

VSWR: 1.10 : 1 max

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



P/N	Frequency(GHz)	Bandwidth(MHz)	VSWR	IL(dB)	Iso.(dB)	WG Type		Material	Flange type
KY650WIST20CCGA200	1.13-1.73	70	1.2	0.3	20	WG 6	R14/WR650	Al	FDP/FDM
KY510WIST20CCGA200	1.45-2.20	90	1.2	0.3	20	WG 7	R18/WR510	Al	FDP/FDM
KY430WIST20CCGA200	1.72-2.61	110	1.2	0.3	20	WG 8	R22/WR430	Al	FDP/FDM
KY340WIST20CCGA200	2.17-3.30	130	1.2	0.3	20	WG 9A	R26/WR340	Al	FDP/FDM



KY284WIST20CCGA200	2.60-3.95	160	1.2	0.3	20	WG 10	R32/WR284	Al	FDP/FDM
KY229WIST20CCGA200	3.22-4.90	400	1.2	0.3	20	WG 11A	R40/WR229	Al	FDP/FDM
KY187WIST20CCGA200	3.94-5.99	490	1.2	0.3	20	WG 12	R48/WR187	Al	FDP/FDM
KY159WIST20CCGA200	4.64-7.05	580	1.2	0.3	20	WG 13	R58/WR159	Al	FDP/FDM
KY137WIST20CCGA200	5.38-8.17	700	1.2	0.3	20	WG 14	R70/WR137	Al/Cu	FDP/FDM
KY112WIST20CCGA200	6.57-9.99	700	1.2	0.3	20	WG 15	R84/WR112	Al/Cu	FBP/FBM/FBE
KY90WIST20CCGA200	8.20-12.40	800	1.2	0.3	20	WG 16	R100/WR90	Al/Cu	FBP/FBM/FBE
KY75WIST20CCGA200	9.84-15.0	1000	1.2	0.3	20	WG 17	R120/WR75	Al/Cu	FBP/FBM/FBE
KY62WIST20CCGA200	11.9-18.0	1000	1.2	0.3	20	WG 18	R140/WR62	Al/Cu	FBP/FBM/FBE
KY51WIST20CCGA200	14.5-22.0	1000	1.25	0.3	20	WG 19	R180/WR51	Al/Cu	FBP/FBM/FBE
KY42WIST20CCGA200	17.6-26.7	2000	1.25	0.3	20	WG 20	R220/WR42	Al/Cu	FBP/FBM/FBE



KY34WIST20CCGA200	21.7-33.0	2000	1.25	0.3	20	WG 21	R260/WR34	Al/Cu	FBP/FBM/FBE
KY28WIST20CCGA200	26.3-40.0	2000	1.25	0.4	20	WG 22	R320/WR28	Al/Cu	FBP/FBM/FBE
KY22WIST20CCGA200	32.9-50.1	2000	1.35	0.6	17	WG 23	R400/WR22	Cu	FBP/FBM/FBE
KY19WIST20CCGA200	39.2-59.6	2000	1.5	0.6	15	WG24	R500/WR19	Cu	FUGP
KY15WIST20CCGA200	49.8-75.8	2000	1.5	0.6	15	WG25	R/620WR15	Cu	FUGP
KY12WIST20CCGA200	60.5-91.9	2000	1.5	0.8	15	WG26	R740WR12	Cu	FUGP
KY10WIST20CCGA200	73.8-112	2000	1.5	1	15	WG27	R900/WR10	Cu	FUGP
Ordering P/N information Example: KY650WIST20CCGA200									
Numbers in P/N						Indicate			
KY						Keyee Microwave			
650						Waveguide size			
WIST						Waveguide isolator			

20	Isolation
G	Groove flange
C	Cover flange
A	Material
200	Power handling 200W

Waveguide Loop Coupler

Keyee Microwave manufactures loop coupler covers the full waveguide frequency and is available in either aluminum or copper/brass construction. It is one types of Ferrite components from WR650 to WR10. Coupling options from 10-60dB. It's input port are optional with flange and coaxial connector types and configurations to cover all requirements you may have for microwave couplers.

For more info, please contact sales engineer.

Feature:

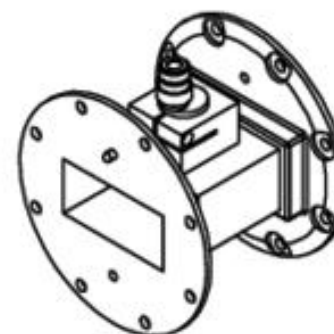
Standard and double ridged option

Single and dual loop

Compact structure

Input port: Flange and coaxial type

High power handling





P/N	WG Size		Freq. (GHz)	Flange	Coupling(dB)	Input port
KY650WSLC30CGSFA200	WR650	R14/WR650	1.12 - 1.70	FDP/FDM	20-50	Flange/ Coax.
KY510WSLC30CGSFA200	WR510	R18/WR510	1.45-2.20	FDP/FDM	20-50	Flange/ Coax.
KY430WSLC30CGSFA200	WR430	R22/WR430	1.70 - 2.60	FDP/FDM	20-50	Flange/ Coax.
KY340WSLC30CGSFA200	WR340	R26/WR340	2.17-3.30	FDP/FDM	20-50	Flange/ Coax.
KY284WSLC30CGSFA200	WR284	R32/WR284	2.60 - 3.95	FDP/FDM	20-50	Flange/ Coax.
KY229WSLC30CGSFA200	WR229	R40/WR229	3.30 - 4.90	FDP/FDM	20-50	Flange/ Coax.
KY187WSLC30CGSFA200	WR187	R48/WR187	3.95 - 5.85	FDP/FDM	20-50	Flange/ Coax.
KY159WSLC30CGSFA200	WR159	R58/WR159	4.90 - 7.05	FDP/FDM	20-50	Flange/ Coax.
KY137WSLC30CGSFA200	WR137	R70/WR137	5.85 - 8.20	FDP/FDM	20-50	Flange/ Coax.
KY112WSLC30CGSFA200	WR112	R84/WR112	7.05 - 10.0	FBP/FBM/FBE	20-50	Flange/ Coax.
KY90WSLC30CGSFA200	WR90	R100/WR90	8.20 - 12.4	FBP/FBM/FBE	20-50	Flange/ Coax.
KY75WSLC30CGSFA200	WR75	R120/WR75	10.0 - 15.0	FBP/FBM/FBE	20-50	Flange/ Coax.
KY62WSLC30CGSFA200	WR62	R140/WR62	12.4 - 18.0	FBP/FBM/FBE	20-50	Flange/ Coax.



KY51WSLC30CGSFA200	WR51	R180/WR51	15.0 - 22.0	FBP/FBM/FBE	20-50	Flange/ Coax.
KY42WSLC30CGSFA200	WR42	R220/WR42	18.0 - 26.5	FBP/FBM/FBE	20-50	Flange/ Coax.
KY34WSLC30CGSFA200	WR34	R260/WR34	22.0 - 33.0	FBP/FBM/FBE	20-50	Flange/ Coax.
KY28WSLC30CGSFA200	WR28	R320/WR28	26.5 - 40.0	FBP/FBM/FBE	20-50	Flange/ Coax.
KY22WSLC30CGSFA200	WR22	R400/WR22	33.0 - 50.0	FUGP	20-50	Flange/ Coax.
KY19WSLC30CGSFA200	WR19	R500/WR19	40-60	FUGP	20-50	Flange/ Coax.
Ordering P/N information Example: KY650WSLC30CGSFA200						
Numbers in P/N				Indicate		
KY				Keyee Microwave		
650				Waveguide size		
WSLC				Waveguide single loop coupler		
30				Coupling		
C				Cover flange		
G				Groove flange		
SF(SMA female)				Coaxial connector type		
A				Material		
200				Power handling CW		

Coaxial RF components

Coaxial Termination

Keyee Microwave manufactures coaxial termination from DC-40GHz, which is used to absorb RF energy, improve circuit matching, and avoid signal reflection and interference. Available in different power handling, frequency range and coaxial connector.

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



P/N	Average power(W)	Peak power(kW)	Frequency range(GHz)	VSWR	Coax. Connector	Impedance(Ohm)
KY124CT2SF	2	0.25	DC-12.4	1.2	SMA	50
KY400CT2SF	2	0.25	DC-40	1.3	SMA	50
KY180CT2SF	2	0.25	DC-18	1.2	SMA	50
KY180CT10SF	10	0.5	DC-18	1.4	N,BNC,SMA,TNC,7/16	50
KY400CT5SF	5	0.5	DC-40	1.4	SMA	50
KY60CT2NF	2	0.5	DC-6	1.2	N,SMA,BNC,TNC,7/16	50



KY30CT2NF	2	1	DC-3	1.10	7/16 (M)	50
KY80CT2NF	2	0.5	DC-8	1.2	N(M)	50
KY60CT5NF	5	0.5	DC-6	1.3	N,BNC,SMA,TNC,7/16	50
KY180CT5NF	5	0.5	DC-18	1.2	N,BNC,SMA,TNC	50
KY60CT10NF	10	1	DC-6	1.2	N,BNC,SMA,TNC,7/16	50
KY100CT10NF	10	1	DC-10	1.4	N,SMA,BNC,TNC	50
KY60CT25NF	25	1	DC-6	1.2	SMA,N,7/16,TNC,BNC	50
KY100CT25NF	25	1	DC-10	1.4	N	50
KY180CT25NF	25	1	DC-18	1.3	N,SMA,TNC	50
KY60CT30NF	30	10	DC-6	1.2	N,SMA,7/16,TNC,BNC	50
KY100CT30NF	30	1	DC-10	1.3	N	50
KY40CT50NF	50	10	DC-4	1.2	N,SMA,7/16,TNC	50
KY40CT50NF	50	10	DC-4	1.2	N,SMA,7/16,TNC	50
KY180CT50NF	80	1	DC-18	1.2	N	50
KY40CT80NF	80	10	DC-4	1.1	N,7/16,TNC	50



KY180CT50NF	50	5	DC-18	1.1	N,7/16,SMA	50
KY180CT50NF	50	1	DC-18	1.10	N,SMA	50
KY100CT50NF	50	1	DC-10	1.10	N	50
KY40CT100NF	100	10	DC-4	1.25	N,7/16	50
KY180CT100NF	100	5	DC-18	1.25	N	50
KY40CT150NF	150	10	DC-4	1.30	N,7/16	50
KY180CT150NF	150	10	DC-18	1.4	N	50
KY180CT150NF	150	5	DC-18	1.4	N	50
KY40CT200NF	200	10	DC-4	1.3	N,7/16	50
KY100CT200NF	200	5	DC-10	1.3	N,7/16	50
KY40CT250NF	200	10	DC-4	1.3	N,7/16	50
KY100CT250NF	250	5	DC-10	1.3	N,7/16	50
KY40CT300NF	300	10	DC-4	1.4	N,7/16	50
KY100CT300NF	300	5	DC-10	1.4	N,7/16	50
KY40CT400NF	400	10	DC-4	1.45	N,7/16	50



KY100CT400NF	400	10	DC-10	1.5	N,7/16	50
KY40CT500NF	500	10	DC-4	1.4	N,7/16	50
KY40CT800NF	800	10	DC-4	1.45	N,7/16	50
KY40CT1000NF	1000	10	DC-4	1.4	N,7/16,L27	50
KY40CT1500NF	1500	10	DC-4	1.4	N,7/16,L27	50
KY40CT2000NF	2000	10	DC-4	1.4	N,7/16,L27	50
KY20CT1000NF	1000	50	DC-2	1.3	N,7/16,L27	50
KY20CT2000NF	2000	50	DC-2	1.3	N,7/16,L27	50
KY20CT3000NF	3000	50	DC-2	1.3	L27, 7/16,L36	50
KY10CT5000NF	5000	100	DC-1	1.4	L27, 7/16,L36	50
KY30CT1NF	1	0.5	DC-3	1.2	N,NBC	75
KY30CT2SF	2	0.5	DC-3	1.2	N,NBC	75
KY30CT5NF	5	0.5	DC-3	1.2	N,NBC	75
KY30CT50NF	50	5	DC-3	1.05	N	50
KY30CT150NF	150	5	DC-3	1.05	N	50



KY85CT30NF	30	5	DC-8.5	1.3	N,SMA	50
KY180CT75NF	75	5	DC-18	1.55	N,SMA	50
KY40CT50SF	50	10	DC-4	1.3	N	50
KY40CT100NF	100	10	DC-4	1.3	N	50
KY180CT200NF	200	1	DC-18	1.55	N	50
KY820CT300NF	300	5	0.8-2	1.2	N	50
KY820CT350NF	350	5	0.8-2	1.2	N	50
KY1214CT300NF	300	12	1.2-1.4	1.2	N	50
KY40CT25NF	25	1	DC-4	1.2	N	50
KY40CT30NF	30	1	DC-4	1.2	N	50

Ordering P/N information
Example: KY124CT2SF

Numbers in P/N	Indicate
KY	Key Microwave
124	Frequency range: DC-12.4
CT	Coaxial Termination

2	Power handling: 2W CW
SF(SMA female)	Coaxial connector type

Coaxial attenuator

Keyee Microwave manufactures coaxial attenuator with optional attenuation from 3-60dB from DC-60GHz. Power handling is optional from 2KW to 10KW. It is used to reduce the strength of the signal to reduce distortion and interference during signal transmission.

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



P/N	Average power(W)	Peak power(kW)	Frequency	VSWR	Attenuation	Coax. connector	Impedance
KY180CA2SFM2	2	0.5	DC-18	1.15-1.35	1-6,7-8,9-12	SMA	50
KY180CA2SFM2	2	0.5	DC-18	1.15-1.35	1-9,10,20,30	SMA	50
KY180CFA2SFM2	2	0.5	DC-18	1.10-1.30	1-9,10,20,30	SMA	50
KY265CFA2SFM2	2	0.5	DC-26.5	1.10-1.35	1-9,10,20,30	SMA	50



KY180CFA2SFM2	2	0.5	DC-18	1.15-1.35	1-9,10,20,30	SMA	50
KY180CFA3NFM3	3	0.5	DC-18	1.15-1.35	40,50,60,70,80	N,SMA,TNC	50
KY180CFA5SFM5	5	0.5	DC-18	1.15-1.40	3,6,10,20	SMA	50
KY180CFA10SFM10	10	0.5	DC-18	1.15-1.40	3,6,10,20,30	SMA	50
KY040CFA2NFM2	2	0.5	DC-4	1.10-1.20	1-9,10,20,30,40	N,BNC,SMA,TNC	50
KY180CFA2NFM2	2	0.5	DC-18	1.15-1.35	1-9,10,20,30,40	N,SMA	50
KY180CFA2NFM2	2	0.5	DC-18	1.15-1.35	50,60,70,80,90	N,SMA	50
KY040CFA5NFM5	5	0.5	DC-4	1.10-1.20	1-9,10,20,30,40	N,BNC,SMA,TNC	50
KY180CFA5NFM5	5	0.5	DC-18	1.15-1.35	10,20,30,40	N,SMA	50
KY180CFA5NFM5	5	0.5	DC-4	1.15-1.35	50,60,70,80,90	N,SMA	50
KY040CFA10NFM10	10	1	DC-4	1.10-1.20	1-9,10,20,30,40	N,SMA,TNC,7/16	50
KY180CFA10NFM10	10	1	DC-18	1.15-1.35	10,20,30,40	N,SMA	50
KY180CFA10NFM10	10	1	DC-18	1.15-1.35	10,40,60,80,90	N,SMA,TNC	50
KY040CFA25NFM25	25	1	DC-4	1.10-1.20	10,20,30,40,50	N,SMA,TNC,BNC	50
KY180CFA25NFM25	25	1	DC-18	1.15-1.35	10,20,30,40	N,SMA,TNC,BNC	50



KY180CFA25NFM25	25	1	DC-18	1.10-1.40	10,20,30,40,50	N,SMA,TNC,BNC	50
KY040CFA30NFM30	30	1	DC-4	1.10-1.20	1-9,10,20,30,40	N, 7/16,TNC,BNC	50
KY040CFA50NFM50	50	10	DC-4	1.10-1.35	10,20,30,40,50	N,SMA,7/16,TNC	50
KY040CFA20FM50	50	10	DC-4	1.10-1.20	10,20,30,40	N.SMA,7/16,BNC	50
KY180CFA30NFM50	50	10	DC-18	1.15-1.35	10,20,30,40	SMA,7/16,TNC,BNC	50
KY100CFA30NFM50	50	5	DC-10	1.10-1.35	3/6,10,20,30,40	N,7/16	50
KY100CFA30NFM50	50	5	DC-10	1.10-1.35	3/6,10,20,30,40	N,7/16	50
KY40CFA20NFM80	80	10	DC-4	1.10-1.35	10,20,30,40,50	N,7/16,TNC,BNC	50
KY180CFA20NFM80	80	1	DC-18	1.10-1.45	10,20,30,40	N,SMA	50
KY100CFA20NFM80	80	5	DC-10	1.10-1.35	3/6,10,20,30,40	N,7/16	50
KY40CFA20NFM100	100	10	DC-4	1.10-1.35	10,20,30,40,50	N,7/16	50
KY180CFA20NFM100	100	1	DC-18	1.20-1.45	10,20,30,40	N,SMA	50
KY100CFA20NFM100	100	5	DC-10	1.10-1.35	20,30,40,50	N,7/16	50
KY40CFA20NFM150	150	10	DC-4	1.15-1.35	10,20,30,40,50	N,7/16	50
KY180CFA20NFM150	150	1	DC-18	1.20-1.60	30,40	N	50



KY100CFA20NFM150	150	5	DC-10	1.10-1.35	20,30,40	N,7/16	50
KY40CFA20NFM200	200	10	DC-4	1.15-1.40	10,20,30,40,50	N,7/16	50
KY100CFA20NFM200	200	5	DC-10	1.15-1.45	10,20,30,40,50	N,7/16	50
KY40CFA20NFM250	250	10	DC-4	1.15-1.40	10,20,30,40,50	N,7/16	50
KY100CFA20NFM250	250	5	DC-10	1.15-1.45	10,20,30,40	N,7/16	50
KY00CFA20NFM150	300	10	DC-4	1.15-1.50	10,20,30,40,50	N,7/16	50
KY100CFA20NFM300	300	5	DC-10	1.25-1.45	30,40	N	50
KY040CFA20NFM400	400	10	DC-4	1.20-1.50	10,20,30,40,50	N,7/16	50
KY080CFA20NFM400	400	5	DC-8	1.25-1.45	40,50	N	50
KY40CFA20NFM500	500	10	DC-4	1.20-1.50	10,20,30,40,50	N,7/16	50
KY075CFA40NFM500	500	5	DC-7.5	1.25-1.50	40,50	N	50
KY040CFA40NFM800	800	10	DC-4	1.20-1.50	40,50,60	N,7/16	50
KY030CFA40NFM1000	1000	10	DC-3	≤1.40	40,50	N,L27,7/16	50
KY030CFA40NFM1500	1500	10	DC-3	≤1.40	40,50	N,L27,7/16	50
KY030CFA40NFM2000	2000	10	DC-3	≤1.40	40,50	N,L27,7/16	50



KY020CFA40NFM1000	1000	50	DC-2	≤ 1.30	30,40,50	N,L27,7/16	50
KY020CFA40NFM2000	2000	50	DC-2	≤ 1.30	30,40,50	N,L27,7/16	50
KY020CFA40NFM3000	3000	50	DC-2	≤ 1.30	30,40,50	N,L27,7/16	50
KY010CFA40NFM4000	4000	100	DC-1	≤ 1.40	30,40,50	N,L27,7/16	50
KY010CFA40NFM5000	5000	100	DC-1	≤ 1.40	30,40,50	L29,L36,L50	50
KY010CFA40NFM10000	10000	200	DC-1	≤ 1.40	30,40,50	L29,L36,L50	50

Ordering P/N information
Example:KY180CA2SFM2

Numbers in P/N	Indicate
KY	Keyee Microwave
180	Frequency range: DC-18GHz
CA	Coaxial attenuator
2	Attenuation
SF(SMA female)	Coaxial connector type
2	Power handling 2W CW