

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

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



Technical parameter

P/N	FreqRange (GHz)	VSWR (Max)	Dimensions L*B*A (mm)	Waveguide Type		Flange	Material
KY2300WTCANFCA	0.32-0.49	1.25	400*384*676	WG00	R3/WR2300	FDP/FDM	Al
KY2100WTCANFCA	0.35-0.53	1.25	380*359*626	WG0	R3/WR2100	FDP/FDM	Al
KY1800WTCANFCA	0.41-0.62	1.25	350*318*546	WG1	R5/WR1800	FDP/FDM	Al
KY1500WTCANFCA	0.49-0.75	1.25	300*280*470	WG2	R6/WR1500	FDP/FDM	Al
KY1150WTCANFCA	0.64-0.98	1.25	260*235*381	WG3	R8/WR1150	FDP/FDM	Al
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			