



KEYEE MICROWAVE TECHNOLOGY CO., LTD.

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. Pressure and non-pressure are selectable.

For more info, please contact sales engineer.

Features:

Both standard and double ridged

Twisted and seamless

Length max: 3000mm

With/without jacket





Technical Parameter

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