

Waveguide Variable phase shifter

We can provide many waveguide variable phase shifter to meet your needs . Our product provide 360° of phase variation and are precisely adjustable and resettable.

Feature :

–Compact –Wide phase tuning range Stable performance

Application :

– Sat Com/Aerospace/Radar/ISM/SNG & Uplink
– Other

Technical Specifications:

Phase shift (°) 0~360

VSWR (dB) 1.0(Max) Band with 10%–20%

Mechanical Specifications:

Material Al/Cu

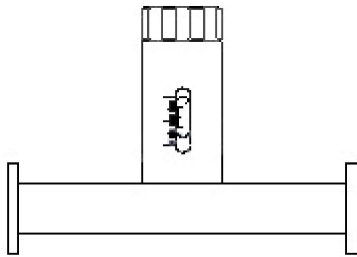
Enviromental Specifations:

Operating Temperature –55~+85°C

Types :



Outline Drawing:



Model List :

Waveguide			Frequency Range (GHz)	VSWR Max.	Bandwidth	Insertion Loss(dB)	Phase shift(°)	Material
E.I.A.	IEC	UK						
WR284	WG10	R32	2.60-3.95	1.2	10%-20%	≥0.5	0-360	Al/Cu
WR229	WG11	R40	3.22-4.90	1.2	10%-20%	≥0.5	0-360	Al/Cu
WR187	WG12	R48	3.94-5.99	1.2	10%-20%	≥0.5	0-360	Al/Cu
WR159	WG13	R58	4.64-7.05	1.2	10%-20%	≥0.5	0-360	Al/Cu
WR137	WG14	R70	5.38-8.17	1.2	10%-20%	≥0.5	0-360	Al/Cu
WR112	WG15	R84	6.57-9.99	1.2	10%-20%	≥0.5	0-360	Al/Cu
WR90	WG16	R100	8.20-12.5	1.2	10%-20%	≥0.5	0-360	Al/Cu
WR75	WG17	R120	9.84-15.0	1.2	10%-20%	≥0.5	0-360	Al/Cu
WR62	WG18	R140	11.9-18.0	1.2	10%-20%	≥0.5	0-360	Al/Cu
WR51	WG19	R180	14.5-22.0	1.25	10%-20%	≥0.5	0-360	Al/Cu
WR42	WG20	R220	17.6-26.7	1.3	10%-20%	≥0.5	0-360	Al/Cu
WR34	WG21	R260	21.7-33.0	1.3	10%-20%	≥0.5	0-360	Al/Cu
WR28	WG22	R320	26.5-40.0	1.35	10%-20%	≥0.5	0-360	Al/Cu
WR22	WG23	R400	32.9-50.1	1.5	10%-20%	≥0.8	0-360	Cu
WR19	WG24	R500	39.2-59.6	1.5	10%-20%	≥0.8	0-360	Cu
WR15	WG25	R620	49.8-75.8	1.5	10%-20%	≥1.0	0-360	Cu
WR12	WG26	R740	60.5-91.9	1.5	10%-20%	≥1.0	0-360	Cu
WR10	WG27	R900	73.8-112	1.5	10%-20%	≥1.0	0-360	Cu

Test curve :

Note :

You could choice Flange type



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