

Coupled waveguide fixed attenuator

The product is a full bandwidth frequency response and low coupling high directivity coupler based precision broadband fixed attenuator. Commonly used in precision measurements of broadband model control, or fixed attenuator standard.

Feature:

Stable performance

-Low VSWR

Application :

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

Technical Specifications :

Attenuation values (dB) 3~60

VSWR (dB) 1.2

Freq. response (dB)  $\pm 0.5 \sim 1$

Mechanical Specifications :

Material Al/Cu

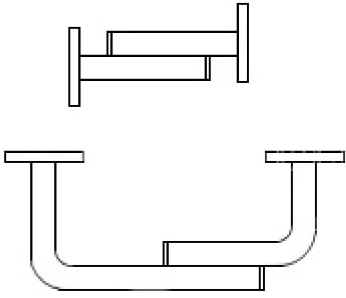
Environmental Specifications :

Operating Temperature  $-55 \sim +85^{\circ}\text{C}$

Types:



Outline Drawing:



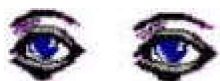
Model List :

Waveguide			Frequency Range (GHz)	VSWR Max.	Attenuation values (dB)	Frequency response (dB)	Material
DIA.	ICC	UK					
WR10	WG27	R900	73.8-112	1.25	3-50	±0.5-1	Cu
WR10	WG27	R900	73.8-112	1.25	3-50	±0.5-1	Cu
WR12	WG26	R740	60.5-91.9	1.25	3-50	±0.5-1	Cu
WR12	WG20	R740	60.5-91.9	1.25	3-50	±0.5-1	Cu
WR15	WG25	R620	49.8-75.8	1.25	3-50	±0.5-1	Cu
WR15	WG25	R620	49.8-75.8	1.25	3-50	±0.5-1	Cu
WR19	WG24	R500	39.2-59.6	1.25	3-50	±0.5-1	Cu
WR19	WG24	R500	39.2-59.6	1.25	3-50	±0.5-1	Cu
WR22	WG23	R400	32.9-50.1	1.2	3-50	±0.5-1	Cu
WR22	WG23	R400	32.9-50.1	1.2	3-50	±0.5-1	Cu
WR28	WG22	R320	26.5-40.0	1.2	3-50	±0.5-1	Al/Cu
WR28	WG22	R320	26.5-40.0	1.2	3-50	±0.5-1	Al/Cu
WR34	WG21	R260	21.7-33.0	1.2	3-50	±0.5-1	Al/Cu
WR34	WG21	R260	21.7-33.0	1.2	3-50	±0.5-1	Al/Cu
WR42	WG20	R220	17.6-26.7	1.2	3-50	±0.5-1	Al/Cu
WR42	WG20	R220	17.6-26.7	1.2	3-50	±0.5-1	Al/Cu
WR51	WG19	R180	14.5-22.0	1.2	3-50	±0.5-1	Al/Cu
WR51	WG19	R180	14.5-22.0	1.2	3-50	±0.5-1	Al/Cu
WR62	WG18	R140	11.9-18.0	1.2	3-50	±0.5-1	Al/Cu
WR62	WG18	R140	11.9-18.0	1.2	3-50	±0.5-1	Al/Cu
WR75	WG17	R120	9.84-15.0	1.2	3-50	±0.5-1	Al/Cu
WR75	WG17	R120	9.84-15.0	1.2	3-50	±0.5-1	Al/Cu
WR90	WG16	R100	8.20-12.40	1.2	3-50	±0.5-1	Al/Cu
WR90	WG16	R100	8.20-12.40	1.2	3-50	±0.5-1	Al/Cu
WR112	WG15	R84	6.57-9.99	1.2	3-50	±0.5-1	Al/Cu
WR112	WG15	R84	6.57-9.99	1.2	3-50	±0.5-1	Al/Cu
WR137	WG14	R70	5.38-8.17	1.2	3-50	±0.5-1	Al/Cu
WR137	WG14	R70	5.38-8.17	1.2	3-50	±0.5-1	Al/Cu
WR159	WG13	R58	4.64-7.05	1.2	3-50	±0.5-1	Al/Cu
WR159	WG13	R58	4.64-7.05	1.2	3-50	±0.5-1	Al/Cu
WR187	WG12	R48	3.94-5.99	1.2	3-50	±0.5-1	Al/Cu
WR187	WG12	R48	3.94-5.99	1.2	3-50	±0.5-1	Al/Cu
WR229	WG11A	R40	3.22-4.90	1.2	3-50	±0.5-1	Al/Cu
WR229	WG11A	R40	3.22-4.90	1.2	3-50	±0.5-1	Al/Cu
WR284	WG10	R32	2.60-3.95	1.2	3-50	±0.5-1	Al/Cu
WR284	WG10	R32	2.60-3.95	1.2	3-50	±0.5-1	Al/Cu
WR340	WG9A	R26	2.17-3.30	1.2	3-50	±0.5-1	Al/Cu
WR340	WG9A	R26	2.17-3.30	1.2	3-50	±0.5-1	Al/Cu
WR430	WG8	R22	1.72-2.51	1.2	3-50	±0.5-1	Al/Cu
WR430	WG8	R22	1.72-2.51	1.2	3-50	±0.5-1	Al/Cu
WR510	WG7	R18	1.45-2.20	1.2	3-50	±0.5-1	Al/Cu
WR510	WG7	R18	1.45-2.20	1.2	3-50	±0.5-1	Al/Cu
WR650	WG6	R14	1.13-1.73	1.2	3-50	±0.5-1	Al
WR650	WG6	R14	1.13-1.73	1.2	3-50	±0.5-1	Al
WR770	WG5	R12	0.96-1.46	1.2	3-50	±0.5-1	Al
WR770	WG5	R12	0.96-1.46	1.2	3-50	±0.5-1	Al

Test curve :

Note

You could choice Flange type



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