

## Waveguide Isolator

Dolph Microwave offers a standard product line of waveguide Isolator ranging from L-band, S-band.....E-band, U-band. Using standard waveguide flange, the product covers a wide frequency band and complete categories.

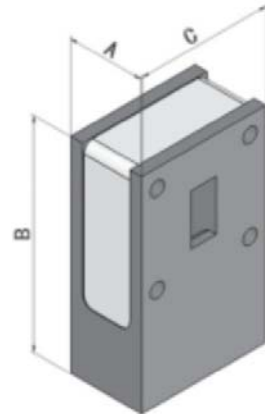
For more information feel free to call us and discuss your needs with one of our sales engineers.

### ● Slim Type Waveguide Isolator

The size of the transmission direction is small, which is convenient for system integration, and is suitable for applications with high requirements for device miniaturization (such as bomb-borne platforms).

Slim type waveguide isolators are widely used in microwave transmission systems, and can play a role in improving matching, eliminating the influence of back reflection, and protecting the front stage.

The application advantage above Ka band is obvious, especially the insertion forward loss is only 1/3 (ratio of energy) of other types of circulators. In particular, it should be noted that the miniaturized isolator is mainly used in the case of limited volume, and its small size is its significant feature and advantage. Power capacity is generally on the order of 1W to 10W



### Product Specifications

Model No	Freq Range (GHz)	WG Type	Forward Loss (dB)	Reverse Loss (dB)	VSWR	Ref. Power	Size
DH-GBP9075	9.1-9.9	BJ100	0.30	20	1.3	30W	16.2*41.4*60
DH-GBP9061	12.2-12.8	BJ120	0.50	18	1.3	10W	12.7*44.5*38
DH-GBP9071	12.55-13.05	BJ140	0.30	20	1.15	30W	12.7*50*27.5
DH-WM-130-IS	12.7-13.25	BJ140	0.30	23	1.20	30W	12.7*50*27.5
DH-WM-187-IS	17.7-19.7	BJ220	0.40	19	1.30	20W	9.53*31.75*22.4
DH-WM-224-IS	21.2-23.6	BJ220	0.4	19	1.30	20W	9.53*31.75*22.4
DH-GBP9097	22-24	BJ260	0.25	20	1.2	20W	12*35*21.1
DH-GBP9099	25.5-26.1	BJ260	0.25	20	1.20	30W	12*35*21.1
DH-WM-282-IS	27-29.5	BJ320	0.30	18	1.30	20W	9.35*31.75*19.5



FengHuiNan Road NO.34, High-Tech Zone, Xi'an, China  
E-mail: [sales@dolphmicrowave.com](mailto:sales@dolphmicrowave.com)  
Web: [www.dolphmicrowave.com](http://www.dolphmicrowave.com)

DH-GBP9080	27.5-31	BJ320	0.30	20	1.25	20W	9.35*31.75*19
DH-GBP9113	28.1-30	BJ260	0.25	20	1.20	5W	12.7*32.1*21.1
DH-GBP9065	29.4-31	BJ320	0.30	20	1.20	20W	8*31.8*19.1
DH-GBP9082	30.5-31.5	BJ320	0.30	20	1.25	20W	9.5*30*19.3
DH-WM-322-IS	31-33.4	BJ320	0.30	18	1.30	20W	9.53*31.75*19.5
DH-GBP9090	33-37	BJ320	0.40	18	1.35	20W	10*19.5*34.2
DH-GBP9086	37-40.5	BJ320	0.35	18	1.30	20W	9.53*31.75*19.5



Phone: +86 (29) 8881 0979  
[sales@dolphmicrowave.com](mailto:sales@dolphmicrowave.com) - [www.dolphmicrowave.com](http://www.dolphmicrowave.com)  
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