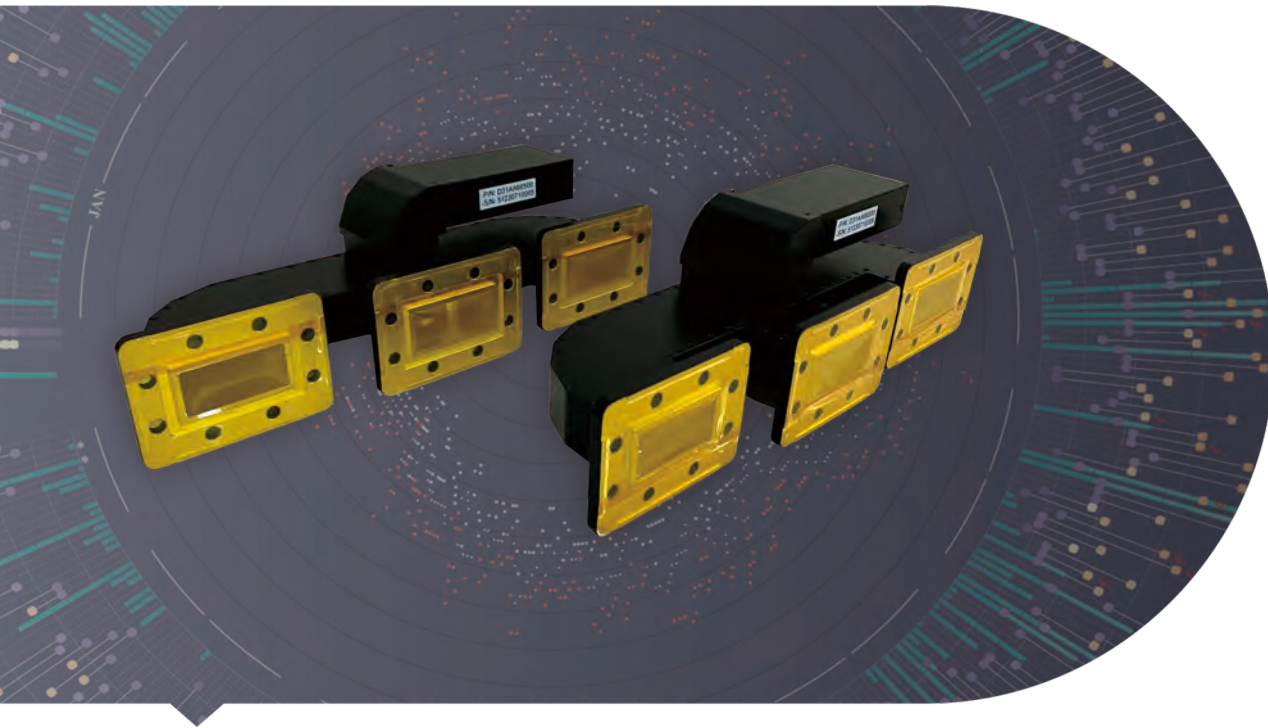


# WG POWER DIVIDER\_COMBINER IN PHASE 90°



## → Features

Waveguide size: WR2300 to WR10

Ways: 2, 4, 6, 12 ways and others.

Material: Al/Cu

Flange: Cover, Grooved and Choke

## → Description

Dolph Microwave waveguide Power Divider/Combiner in phase 90° is to have two equal microwave power outputs on the aspects of both the magnitude and the phase. It can bear high power handling. Flange can be done as cover, grooved and choke. Both standard and customized can be chosen.

Model	WR Type	Frequency (Ghz)	Operating Bandwidth	VSWR Max.	Balance (dB)	Coupling (dB)	Isolation (dB)
DH-14WCDW...	WR650	1.13-1.73	10-20%	1.15	0.15	3	26
DH-18WCDW...	WR510	1.45-2.20	10-20%	1.15	0.15	3	26
DH-22WCDW...	WR430	1.72-2.61	10-20%	1.15	0.15	3	26
DH-26WCDW...	WR340	2.17-3.30	10-20%	1.15	0.15	3	26
DH-32WCDW...	WR284	2.60-3.95	10-20%	1.15	0.15	3	26
DH-40WCDW...	WR229	3.22-4.90	10-20%	1.15	0.15	3	26
DH-48WCDW...	WR187	3.94-5.99	10-20%	1.15	0.15	3	26
DH-58WCDW...	WR159	4.64-7.05	10-20%	1.15	0.15	3	26
DH-70WCDW...	WR137	5.38-8.17	10-20%	1.15	0.15	3	26
DH-84WCDW...	WR112	6.57-9.99	10-20%	1.15	0.15	3	26
DH-100WCDW...	WR90	8.20-12.40	10-20%	1.15	0.15	3	26
DH-120WCDW...	WR75	9.84-15.0	10-20%	1.15	0.15	3	26
DH-140WCDW...	WR62	11.9-18.0	10-20%	1.15	0.15	3	26
DH-180WCDW...	WR51	14.5-22.0	10-20%	1.15	0.15	3	26
DH-220WCDW...	WR42	17.6-26.7	10-20%	1.15	0.15	3	26
DH-260WCDW...	WR34	21.7-33.0	10-20%	1.15	0.15	3	26
DH-320WCDW...	WR28	26.3-40.0	10-20%	1.15	0.15	3	26

Ways	Flange Type	Inside Finish	Body Finish	Material
2/4/6/8...	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
2/4/6/8...	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
2/4/6/8...	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
2/4/6/8...	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass

## Ordering Information

DH - 120 WCDW I 3 1\_4 P A 1000

DH Dolph Microwave

120 WR75

WCDW Divider\_Combiner

I Isolation

3 3 dB

1\_4 4 ways

P Flange Cover

M Flange Grooved

A Material Al

1000 Handling Power 1000W CW