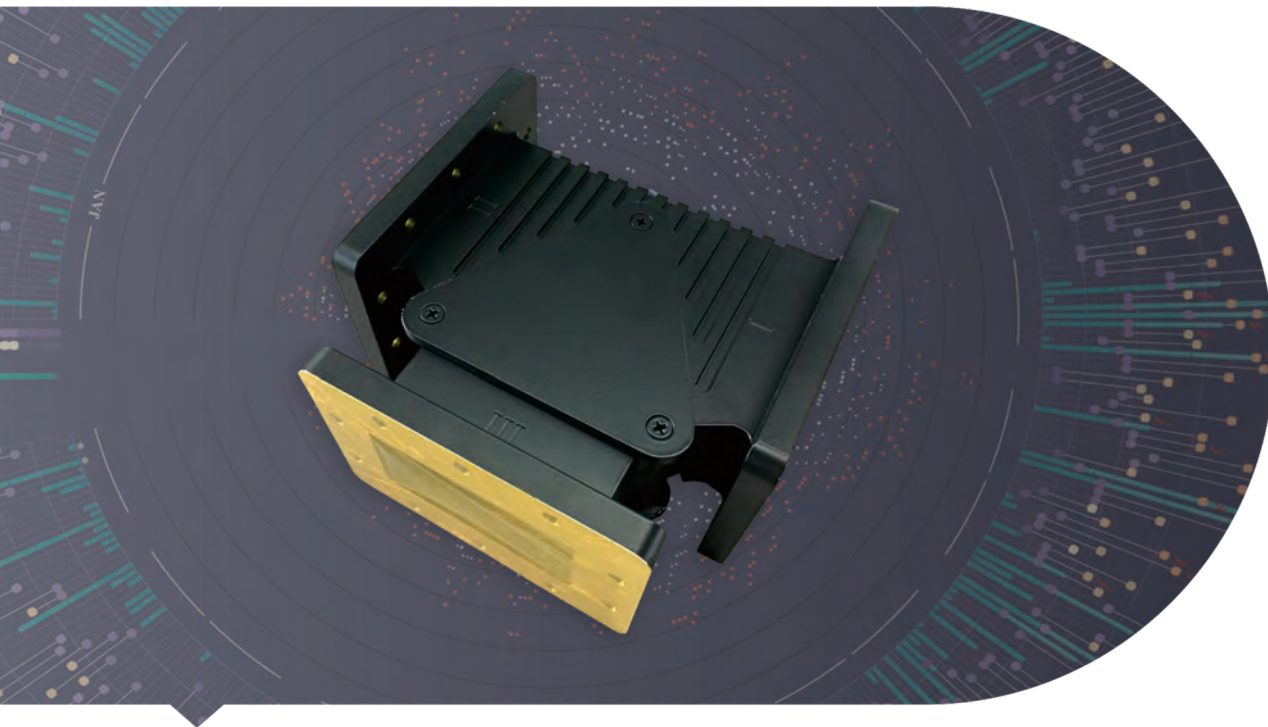


MICROWAVE CIRCULATOR



→ Features

- Frequency range: 915 MHz and 2450MHz
- Waveguide size: WR340, WR430 and WR975
- Handling power: 6 KW, 10 KW, up to 20kW CW
- Flange: Cover and Grooved

→ Description

Dolph Microwave circulators are devices with three ports developed to create isolation between transmitted and received signals. Preventing the reflected microwaves from entering the microwave source directly and damaging the magnetron inside the microwave source. Both standard and customized can be chosen upon request.

Model	Config.	WR Type	Frequency (MHZ)	VSWR	IL (dB)
DH-9WCIC915PPPA...	Circulator	WR975	915±25	1.2	0.25
DH-9WCIC+WHC915PPPA...	Circulator+Coupler	WR975	915±25	1.2	0.25
DH-14WCIC1300PPPA...	Circulator	WR650	1300±25	1.2	0.25
DH-14WCIC+WHC1300PPPA...	Circulator+Coupler	WR650	1300±25	1.2	0.25
DH-22WCIC2450PPPA...	Circulator	WR430	2450±25	1.2	0.25
DH-26WCIC2450PPPA...	Circulator	WR340	2450±25	1.2	0.25
DH-26WCIC+WHC2450PPPA...	Circulator+Coupler	WR340	2450±25	1.2	0.25
DH-32WCIC2450PPPA...	Circulator	WR284	2450±25	1.2	0.25
DH-32WCIC2450PPPA...	Circulator	WR284	2450±25	1.2	0.25
DH-32WCIC+WHC2450PPPA...	Circulator+Coupler	WR284	2450±25	1.2	0.25

Isolation (dB)	Coupling (dB)	Handling Power (KW)	Cooling	Water Flow	Water Pressure	Water Injection	Size (mm)
20		20-75-100	Water-Direct	3-5L/min	0.14MPa	Quick Connector	511*852*213
20	30-60	20-75-100	Water-Direct	3-5L/min	0.14MPa	Quick Connector	511*852*213
20		10	Water-Direct	3-5L/min	0.14MPa	Quick Connector	350*580*170
20	30-60	10	Water-Direct	3-5L/min	0.14MPa	Quick Connector	350*580*170
20		2	Air				220*380*106
20		3-5-6-15	Water-Direct	3-5L/min	0.14MPa	Quick Connector	183*335*112
20	30-60	3-5-6-15	Water-Direct	3-5L/min	0.14MPa	Quick Connector	183*335*112
20		3	Air				183*335*95
20		6	Water-Direct	3-5L/min	0.14MPa	Quick Connector	183*335*112
20	30-60	3-5-6-15	Water-Direct	3-5L/min	0.14MPa	Quick Connector	183*335*112

Flange Type	Inside Finish	Body Finish	Material
Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al
Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al
Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al
Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al

Ordering Information

DH - 26 WCIC 2450 P P P A 6KW

DH	Dolph Microwave
26	Waveguide Type WR340
WCIC	Waveguide Circulator
2450	Freq. 2450 MHz
P	Flange Cover
M	Flange Grooved
A	Material Al
6KW	Handling Power 6KW CW