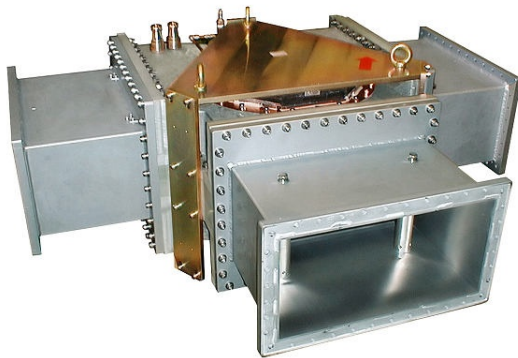
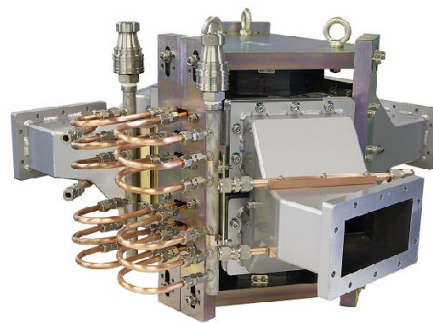


High Power Waveguide Circulators

Nihon Koshuha has advanced technologies in the field of High Power Waveguide Circulators. These Circulators are adopted T type Y junction and multi-layer design to fulfill high power performance and compact size. There are also phase shift type circulators.



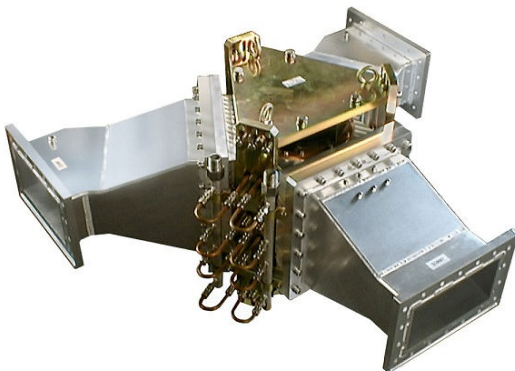
324MHz 3MW



1300MHz 100kW



10GHz 1.5kW



972MHz 3MW



2450MHz 5kW



18GHz 5kW

Specifications

Frequency	Power	Isolation	Insertion Loss	VSWR	Waveguide	Cooling
324MHz	3MW peak, 700 μ s, 50Hz	25dB min.	0.15dB max.	1.15 max.	WR-2300	Water
432MHz	2kW peak, 650 μ s, 50Hz	20dB min.	0.3dB max.	1.15 max.	WR-1800	Water
508MHz	150kW CW	25dB min.	0.2dB max.	1.15 max.	WR-1500	Water
508MHz	250kW CW	20dB min.	0.4dB max.	1.4 max.	WR-1500	Water
600MHz	35kW CW	25dB min.	0.3dB max.	1.2 max.	WR-1500	Water
972MHz	3MW peak, 800 μ s, 50Hz	25dB min.	0.2dB max.	1.15 max.	WR-975	Water
1300MHz	500kW peak, 1.5 μ s, 50Hz	20dB min.	0.3dB max.	1.2 max.	wR-650	Water
1300MHz	150kW CW	20dB min.	0.3dB max.	1.2 max.	WR-650	Water
2450MHz	5kW CW	20dB min.	0.3dB max.	1.2 max.	Special	Water
2856MHz	5MW peak, 5kW ave.	23dB min.	0.3dB max.	1.15 max.	WR-285	Water
10GHz	5kW CW	20dB min.	0.3dB max.	1.2 max.	WR-90	Water
18GHz	1.5kW CW	20dB min.	0.4dB max.	1.2 max.	WR-62	Water

Custom designs according to customer specifications are acceptable.

