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MICROWAVE

Tianjin HengYuan JiaYe Microwave Technology Co., Ltd.

COMPANY INTRODUCTION





About Us:

Tianjin HengYuan JiaYe Microwave Technology Co., Ltd. was founded in January 2014, located in a superior geographical location of the development zone of Jizhou River Industrial Park, Tianjin, with convenient transportation . More than 30% of the staff are professors and senior engineers. We are a technological enterprise integrating technology development product development and manufacturing, implementing modern enterprise management. Focus on innovation of independent intellectual core technology, and specializes in design and manufacture of various waveguide components and connection systems.

We have complete range of mechanical processing, microwave professional processing and testing equipment, electric welding argon arc welding, silver brazing, aluminum brazing and other processes, forming a product lifecycle process management including product design and development, mold manufacturing welding, assembly, testing and after-sales support.

Business Philosophy:

We adhere to the business philosophy of "quality first, customer first, innovation and development, integrity and win-win", perform social responsibilities such as green environmental protection social feedback, caring for employees, and take "innovation excellence and efficiency" as our continuous pursuit and goal, and we are committed to being a first-class microwave component development and manufacturer in China. Welcome to consult and cooperate!

Products & Applications:

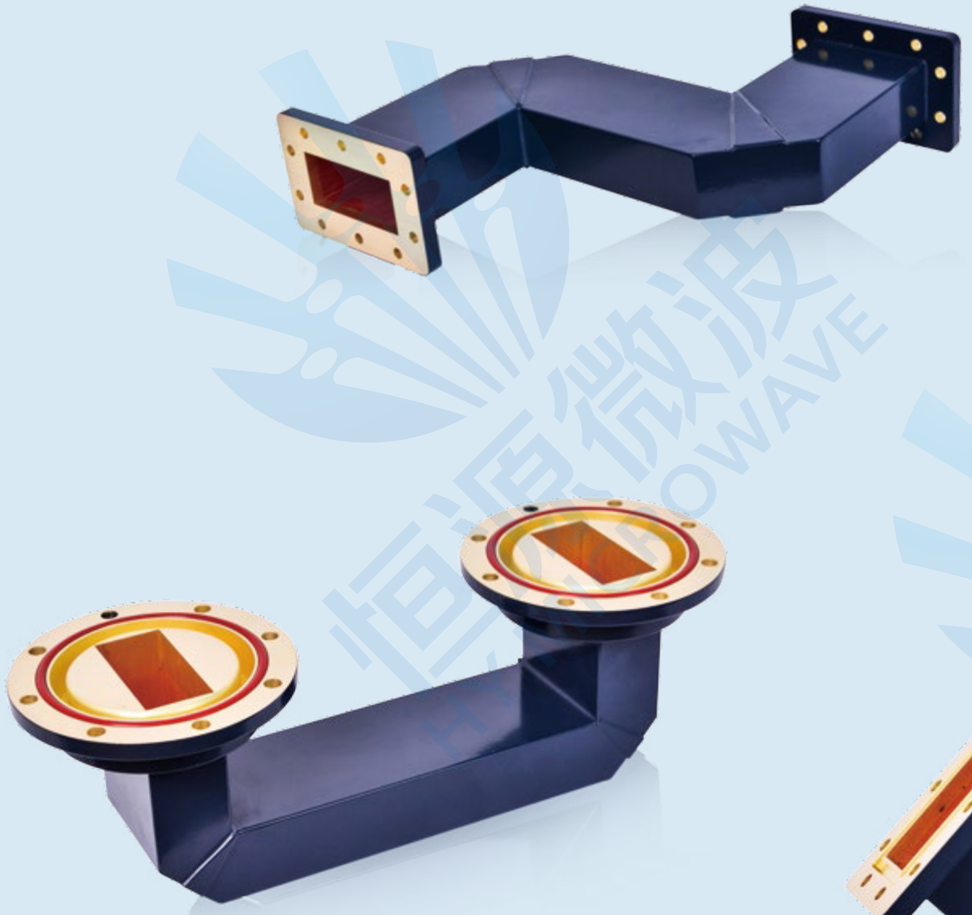
Products mainly include various waveguides (Rectangular-Circular waveguide adapter, straight waveguide, E / H bend waveguide, twist waveguide transition waveguide, soft waveguide, inflatable waveguide, double ridge waveguide), waveguide couplers (probe coupler, loop coupler, cross coupler double loop coupler, high directional coupler), waveguide load (high power water load, dry load, matching load), high power waveguide circulator (4-port circulator, 3-port circulator), rotation Joint (U type, L type, I type, dual-channel), coaxial waveguide adapter (orthogonal structure, termination structure, high power), waveguide power divider, coaxial attenuator, coaxial detector, cable and other microwave components.

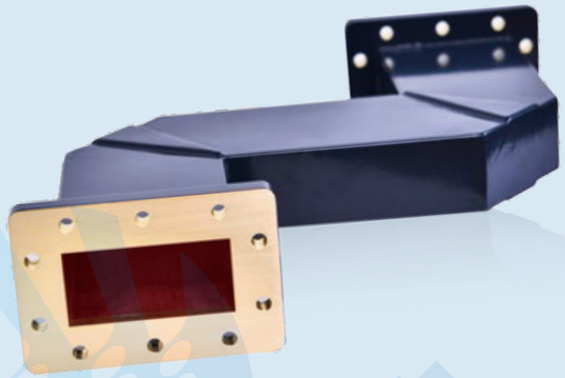
Products are widely used in online monitoring industrial flaw detection, medical treatment, irradiation, radar, satellite communication and other systems. We have a high level of technology and strong professionalism, with a long-term stable cooperation with a number of listed companies, and have obvious advantages in product quality, production cycle, after-sales service, etc., which have won unanimous praise from customers.

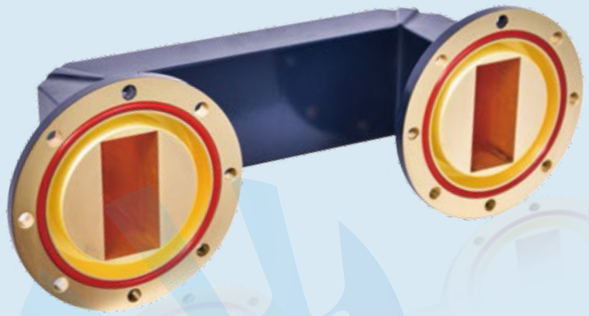


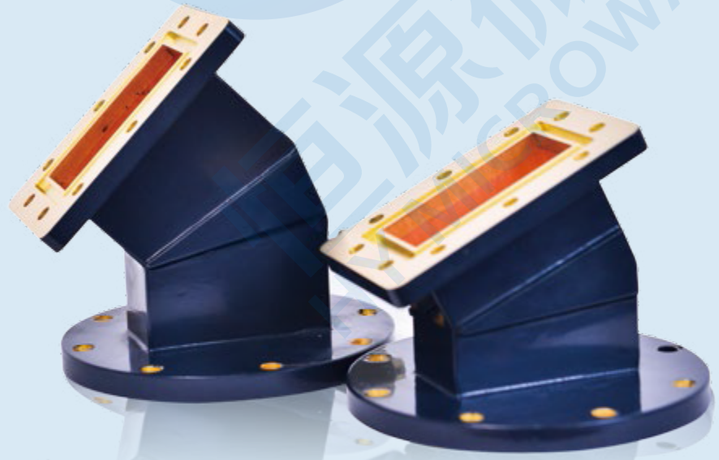
Rectangular Striaight Waveguide

WG Type		Freq Range (GHz)	VSWR	Insert Loss (dB)	Inflation Pressure (Mpa)
IEC	EIA				
BJ14	WR-650	1.13-1.73	⩽ 1.05	⩽ 0.05	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 1.05	⩽ 0.05	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 1.05	⩽ 0.05	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 1.05	⩽ 0.05	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 1.05	⩽ 0.05	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 1.05	⩽ 0.05	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 1.05	⩽ 0.05	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 1.05	⩽ 0.05	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 1.1	⩽ 0.05	\
BJ120	WR-75	9.84-15.0	⩽ 1.1	⩽ 0.05	\
BJ140	WR-62	11.9-18.0	⩽ 1.1	⩽ 0.05	\
BJ220	WR-42	17.6-26.7	⩽ 1.1	⩽ 0.05	\
BJ320	WR-28	26.3-40.0	⩽ 1.1	⩽ 0.05	\



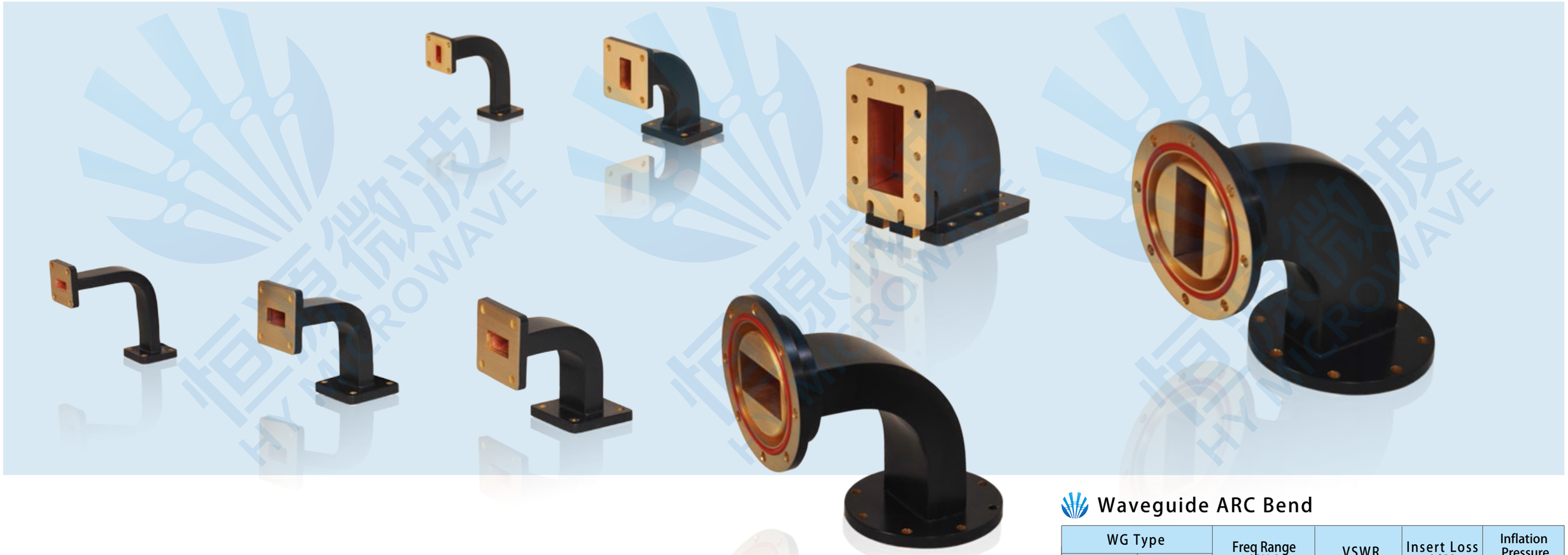






Waveguide Miter Bend

WG Type		Freq Range (GHz)	Bandwidth (E Bend/H Bend)	VSWR	Inflation Pressure (Mpa)
IEC	EIA				
BJ14	WR-650	1.13-1.73	Full-band/ ⩽ 15%	⩽ 1.15	⩽ 0.3
BJ18	WR-510	1.45-2.20	Full-band/ ⩽ 15%	⩽ 1.15	⩽ 0.3
BJ22	WR-430	1.72-2.61	Full-band/ ⩽ 15%	⩽ 1.15	⩽ 0.3
BJ26	WR-340	2.17-3.3	Full-band/ ⩽ 15%	⩽ 1.15	⩽ 0.3
BJ32	WR-284	2.60-3.95	Full-band/ ⩽ 15%	⩽ 1.15	⩽ 0.3
BJ40	WR-229	3.22-4.90	Full-band/ ⩽ 15%	⩽ 1.15	⩽ 0.3
BJ48	WR-187	3.94-5.99	Full-band/ ⩽ 15%	⩽ 1.15	⩽ 0.3
BJ58	WR-159	4.64-7.05	Full-band/ ⩽ 15%	⩽ 1.15	⩽ 0.3
BJ70	WR-137	5.38-8.17	Full-band/ ⩽ 15%	⩽ 1.15	⩽ 0.3
BJ84	WR-112	6.57-9.99	Full-band/ ⩽ 15%	⩽ 1.15	⩽ 0.3
BJ100	WR-90	8.20-12.5	Full-band/ ⩽ 15%	⩽ 1.2	\
BJ120	WR-75	9.84-15.0	Full-band/ ⩽ 15%	⩽ 1.2	\
BJ140	WR-62	11.9-18.0	Full-band/ ⩽ 15%	⩽ 1.2	\
BJ220	WR-42	17.6-26.7	Full-band/ ⩽ 15%	⩽ 1.2	\
BJ320	WR-28	26.3-40.0	Full-band/ ⩽ 15%	⩽ 1.2	\

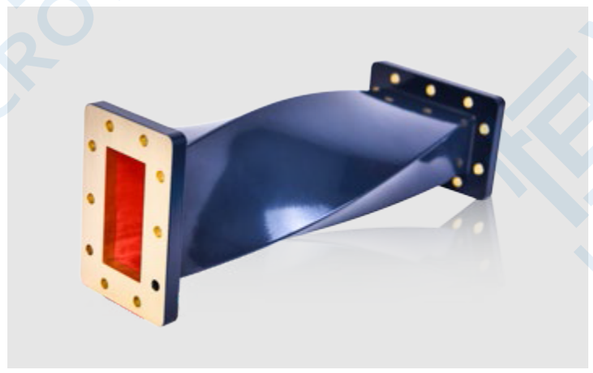


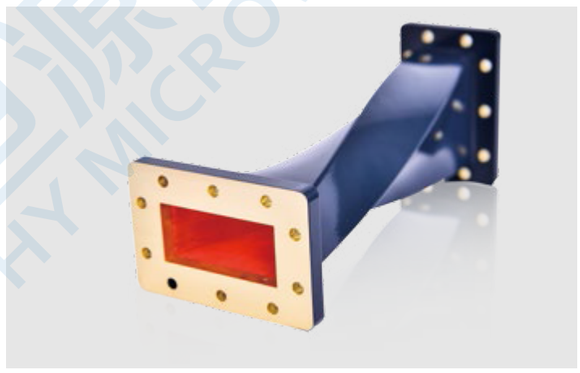
Waveguide ARC Bend

WG Type		Freq Range (GHz)	VSWR	Insert Loss (dB)	Inflation Pressure (Mpa)
IEC	EIA				
BJ14	WR-650	1.13-1.73	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 1.15	⩽ 0.05	\
BJ120	WR-75	9.84-15.0	⩽ 1.15	⩽ 0.05	\
BJ140	WR-62	11.9-18.0	⩽ 1.15	⩽ 0.05	\
BJ220	WR-42	17.6-26.7	⩽ 1.15	⩽ 0.05	\
BJ320	WR-28	26.3-40.0	⩽ 1.15	⩽ 0.05	\







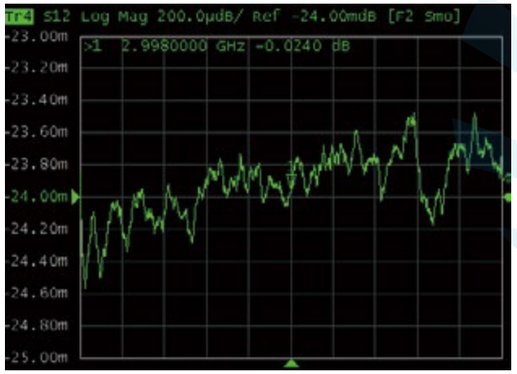


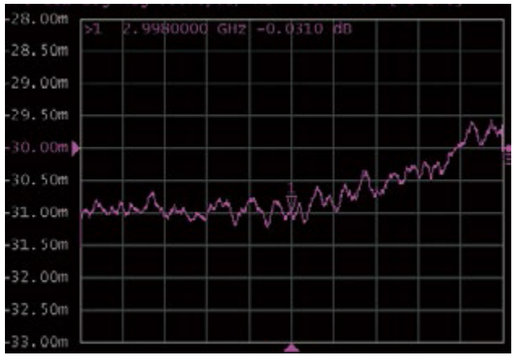
Twisted Waveguide

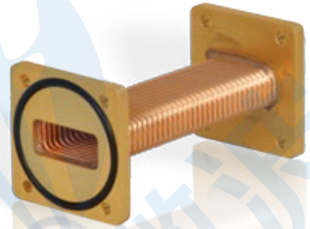
WG Type		Freq Range (GHz)	Bandwidth	VSWR	Insert Loss (dB)	Inflation Pressure (Mpa)
IEC	EIA					
BJ22	WR-430	1.72-2.61	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 10%	⩽ 1.1	⩽ 0.05	\
BJ120	WR-75	9.84-15.0	⩽ 10%	⩽ 1.1	⩽ 0.05	\
BJ140	WR-62	11.9-18.0	⩽ 10%	⩽ 1.1	⩽ 0.05	\
BJ220	WR-42	17.6-26.7	⩽ 10%	⩽ 1.15	⩽ 0.05	\
BJ320	WR-28	26.3-40.0	⩽ 10%	⩽ 1.15	⩽ 0.05	\

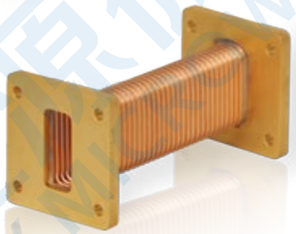


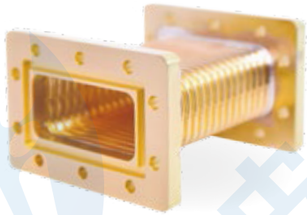










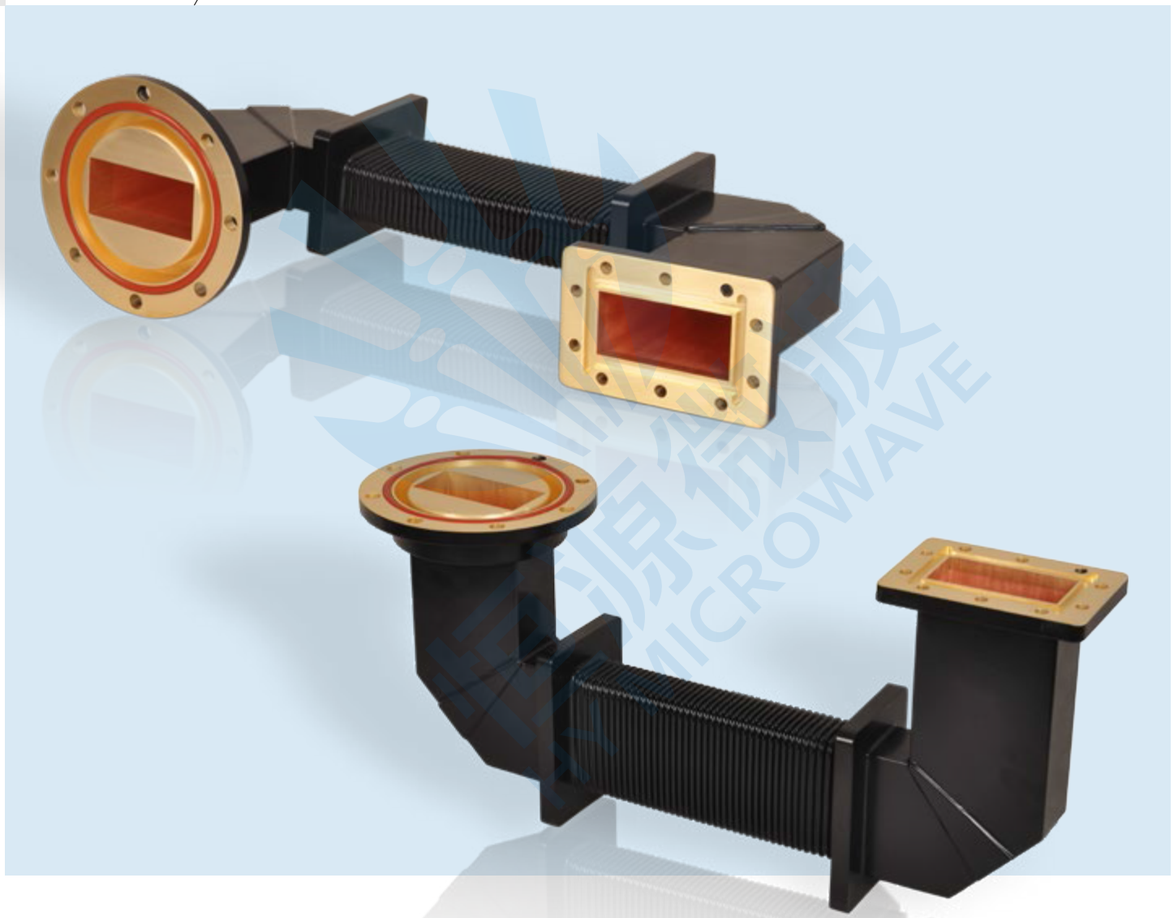




Flexible Waveguide

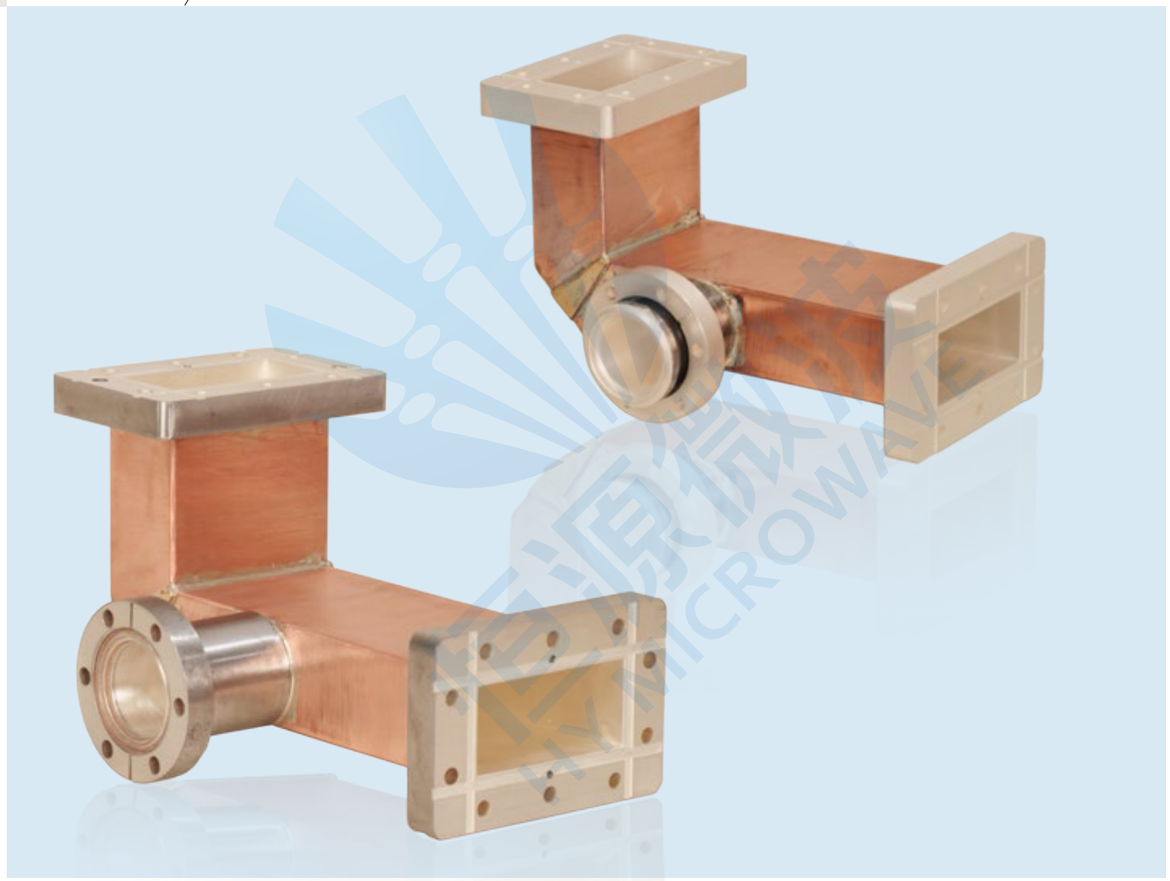
WG Type		Freq Range (GHz)	VSWR	Insert Loss (dB)	Inflation Pressure (Mpa)
IEC	EIA				
BJ14	WR-650	1.13-1.73	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ18	WR-510	1.45-2.20	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ22	WR-430	1.72-2.61	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ26	WR-340	2.17-3.3	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ32	WR-284	2.60-3.95	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ40	WR-229	3.22-4.90	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ48	WR-187	3.94-5.99	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ58	WR-159	4.64-7.05	⩽ 1.15	⩽ 0.2	⩽ 0.2
BJ70	WR-137	5.38-8.17	⩽ 1.15	⩽ 0.2	⩽ 0.2
BJ84	WR-112	6.57-9.99	⩽ 1.15	⩽ 0.3	⩽ 0.2
BJ100	WR-90	8.20-12.5	⩽ 1.15	⩽ 0.5	\
BJ120	WR-75	9.84-15.0	⩽ 1.15	⩽ 0.5	\

For different frequencies, sizes can be custom made



Flexible&Hard Connnected Waveguide

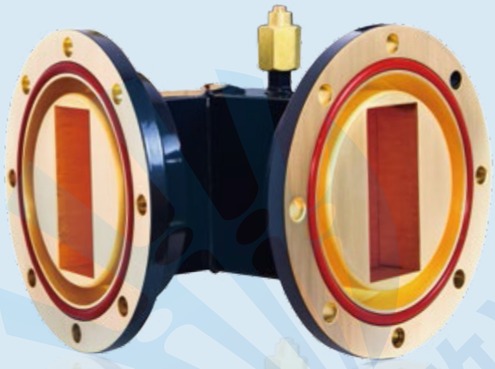
WG Type		Freq Range (GHz)	Bandwidth	VSWR	Insert Loss (dB)	Inflation Pressure (Mpa)
IEC	EIA					
BJ14	WR-650	1.13-1.73	⩽ 10%	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ18	WR-510	1.45-2.20	⩽ 10%	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ22	WR-430	1.72-2.61	⩽ 10%	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ26	WR-340	2.17-3.3	⩽ 10%	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ32	WR-284	2.60-3.95	⩽ 10%	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ40	WR-229	3.22-4.90	⩽ 10%	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ48	WR-187	3.94-5.99	⩽ 10%	⩽ 1.1	⩽ 0.1	⩽ 0.2
BJ58	WR-159	4.64-7.05	⩽ 10%	⩽ 1.15	⩽ 0.2	⩽ 0.2
BJ70	WR-137	5.38-8.17	⩽ 10%	⩽ 1.15	⩽ 0.2	⩽ 0.2
BJ84	WR-112	6.57-9.99	⩽ 10%	⩽ 1.15	⩽ 0.3	⩽ 0.2
BJ100	WR-90	8.20-12.5	⩽ 10%	⩽ 1.15	⩽ 0.5	\
BJ120	WR-75	9.84-15.0	⩽ 10%	⩽ 1.15	⩽ 0.5	\

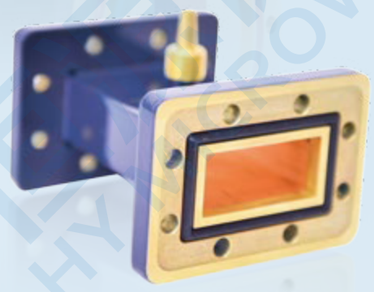


Vacuum Pumping Waveguide

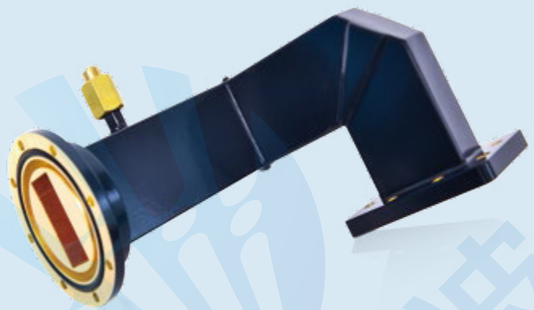
WG Type		Freq Range (GHz)	Bandwidth	VSWR	Insert Loss (dB)	Inflation Pressure (Mpa)
IEC	EIA					
BJ14	WR-650	1.13-1.73	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 10%	⩽ 1.1	⩽ 0.05	\

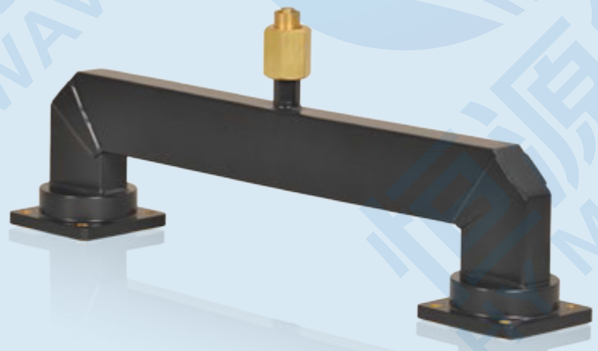
For different frequencies, angles and sizes can be custom made

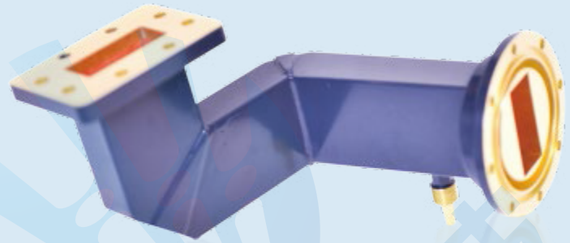










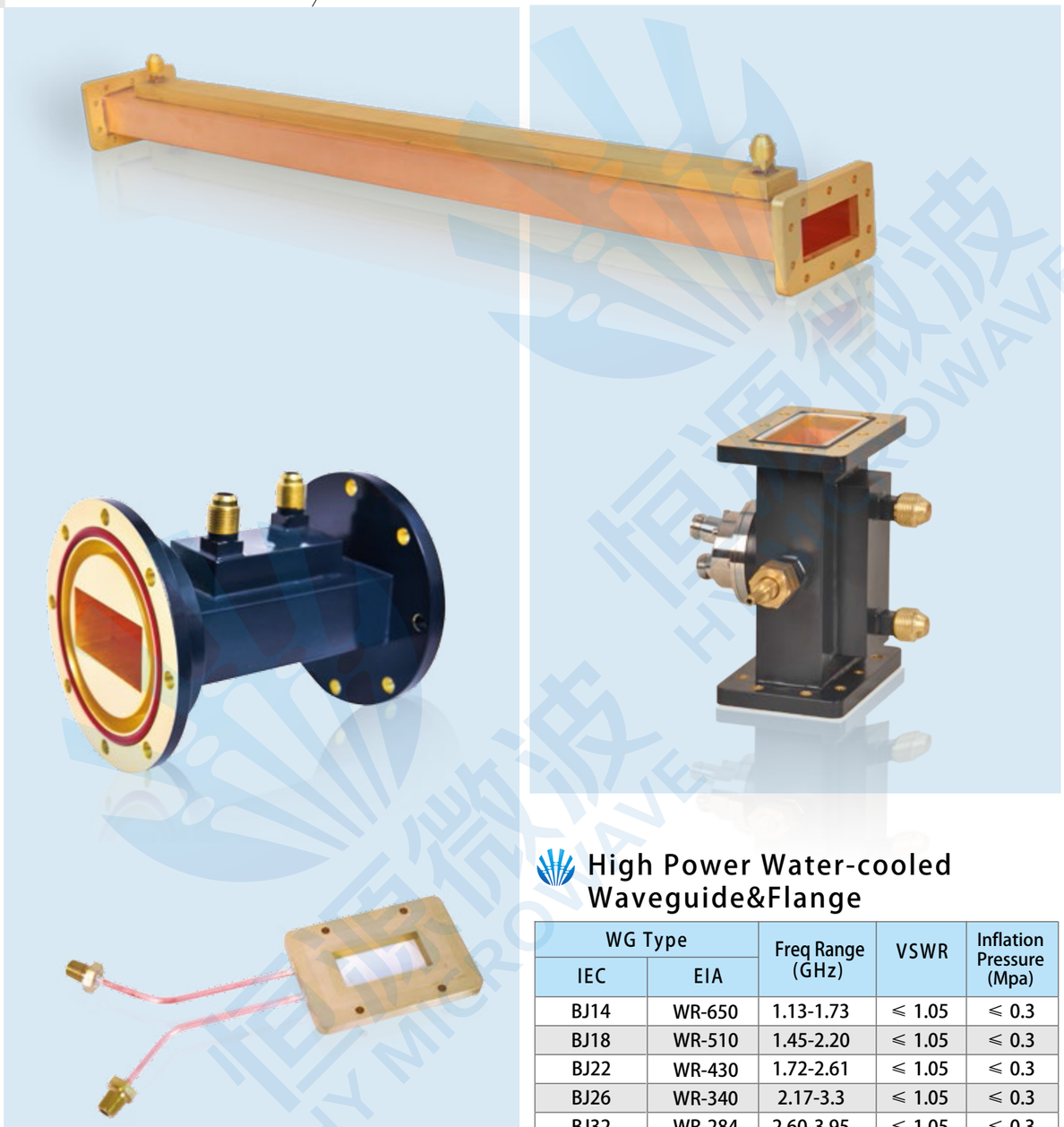


Inflatable Waveguide

WG Type		Freq Range (GHz)	Bandwidth	VSWR	Insert Loss (dB)	Inflation Pressure (Mpa)
IEC	EIA					
BJ14	WR-650	1.13-1.73	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 10%	⩽ 1.1	⩽ 0.05	⩽ 0.3

High Power Water-cooled Waveguide&Flange

HY MICROWAVE



High Power Water-cooled Waveguide&Flange

WG Type		Freq Range (GHz)	VSWR	Inflation Pressure (Mpa)
IEC	EIA			
BJ14	WR-650	1.13-1.73	⩽ 1.05	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 1.05	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 1.05	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 1.05	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 1.05	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 1.05	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 1.05	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 1.05	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 1.05	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 1.05	⩽ 0.3

Observation Window Waveguide

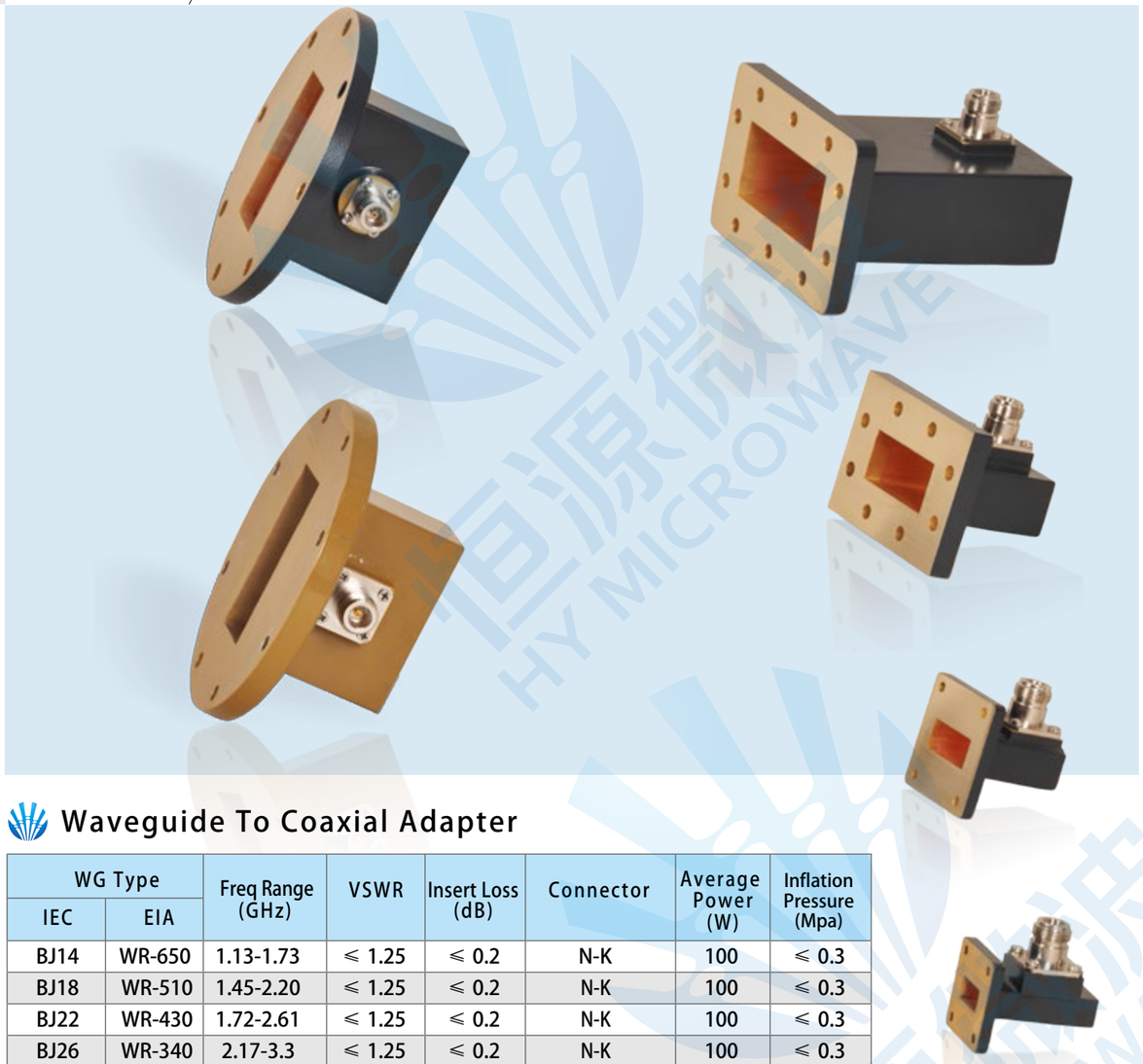
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Observation Window Waveguide

WG Type		Freq Range (GHz)	VSWR	Inflation Pressure (Mpa)
IEC	EIA			
BJ14	WR-650	1.13-1.73	⩽ 1.1	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 1.1	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 1.1	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 1.1	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 1.1	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 1.1	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 1.1	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 1.1	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 1.1	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 1.1	⩽ 0.3

For different frequencies, angles and sizes can be custom made



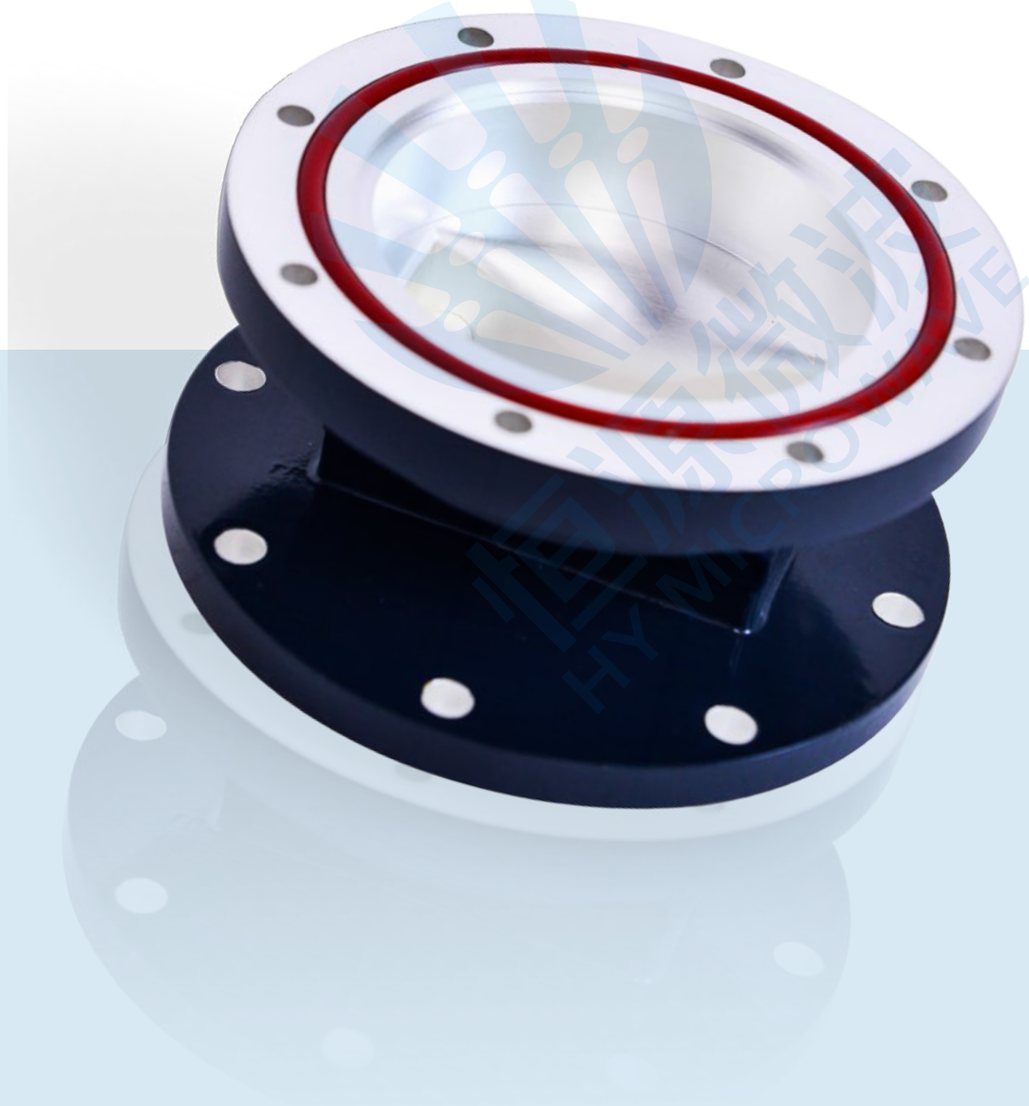
Waveguide To Coaxial Adapter

WG Type		Freq Range (GHz)	VSWR	Insert Loss (dB)	Connector	Average Power (W)	Inflation Pressure (Mpa)
IEC	EIA						
BJ14	WR-650	1.13-1.73	⩽ 1.25	⩽ 0.2	N-K	100	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 1.25	⩽ 0.2	N-K	100	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 1.25	⩽ 0.2	N-K	100	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 1.25	⩽ 0.2	N-K	100	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 1.25	⩽ 0.2	N-K	100	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 1.25	⩽ 0.2	N-K	100	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 1.25	⩽ 0.2	N-K	100	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 1.25	⩽ 0.2	N-K	100	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 1.25	⩽ 0.3	N-K/SMA-K	100/50	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 1.25	⩽ 0.3	N-K/SMA-K	100/50	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 1.25	⩽ 0.3	SMA-K	50	\
BJ120	WR-75	9.84-15.0	⩽ 1.25	⩽ 0.3	SMA-K	50	\
BJ140	WR-62	11.9-18.0	⩽ 1.25	⩽ 0.3	SMA-K	50	\
BJ220	WR-42	17.6-26.7	⩽ 1.25	⩽ 0.3	SMA-K	50	\
BJ320	WR-28	26.3-40.0	⩽ 1.25	⩽ 0.3	2.92-K	50	\

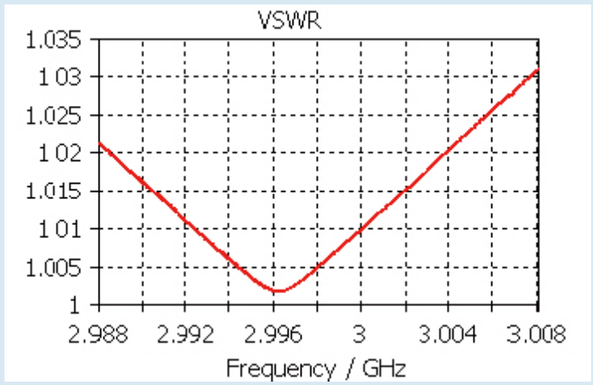


Circular To Rectangular Waveguide Transition Adapter

WG Type		Freq Range (GHz)	Bandwidth	VSWR	Inflation Pressure (Mpa)
IEC	EIA				
BJ32	WR-284	2.60-3.95	5%	⩽ 1.2	⩽ 0.3

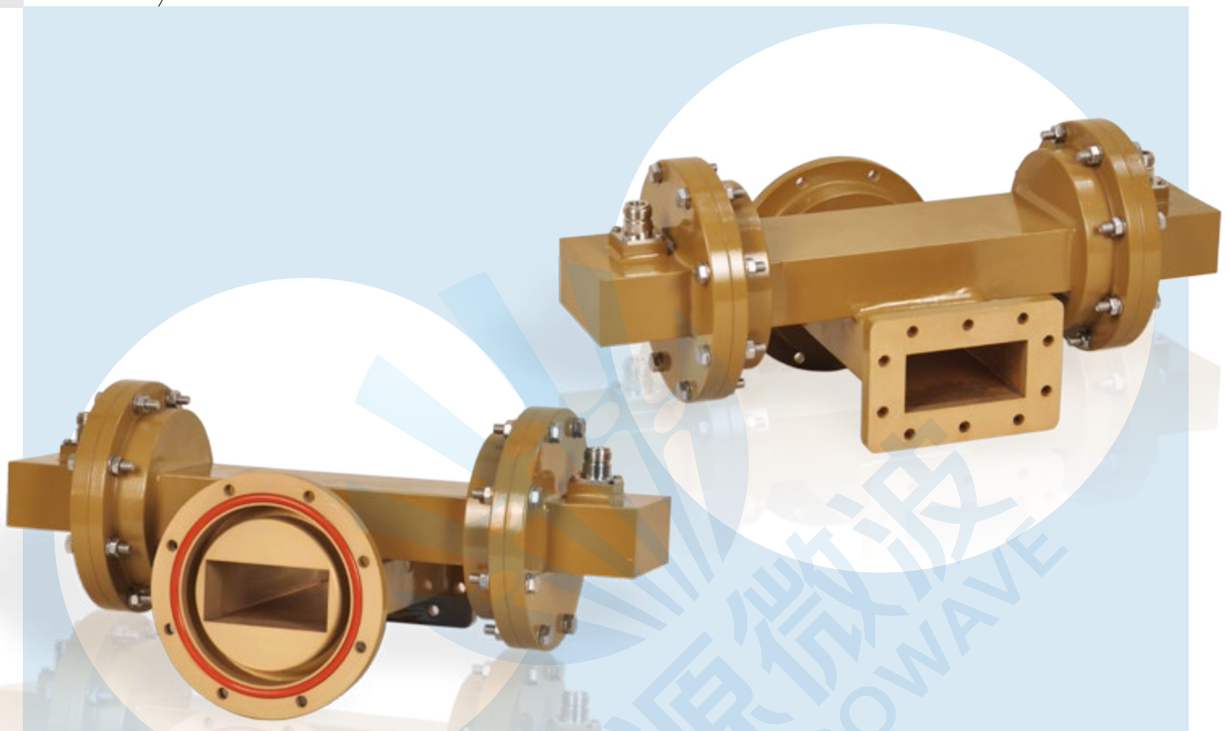






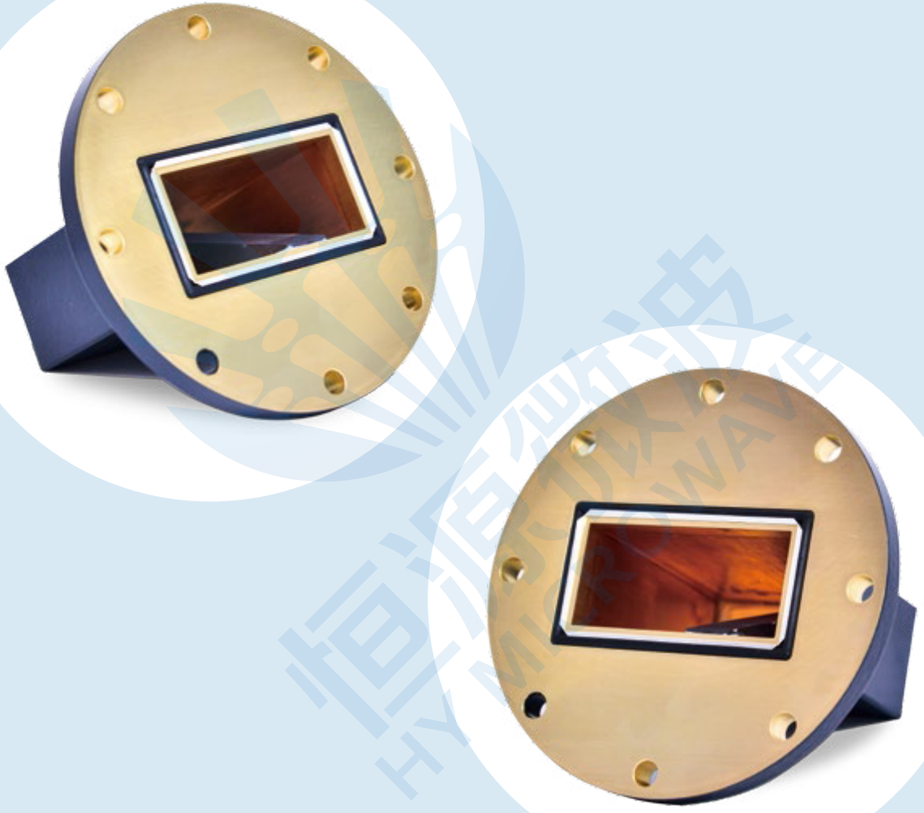
Circular To Rectangular Waveguide Adapter

WG Type		Freq Range (GHz)	Bandwidth	VSWR	Inflation Pressure (Mpa)
IEC	EIA				
BJ32	WR-284	2.60-3.95	2%	⩽ 1.1	⩽ 0.3



Crossguide Directional Coupler

WG Type		Freq Range (GHz)	Bandwidth	Main VSWR	Coupling Degree (dB)	Directivity (dB)	Secondary VSWR	Inflation Pressure (Mpa)
IEC	EIA							
BJ14	WR-650	1.13-1.73	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.15	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.15	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.15	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.15	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.15	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.15	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.15	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.25	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.25	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.25	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.25	\
BJ120	WR-75	9.84-15.0	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.5	\
BJ140	WR-62	11.9-18.0	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.5	\
BJ220	WR-42	17.6-26.7	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.5	\
BJ320	WR-28	26.3-40.0	⩽ 20%	⩽ 1.1	20 ~ 60 (±1)	⩾ 20	⩽ 1.5	\



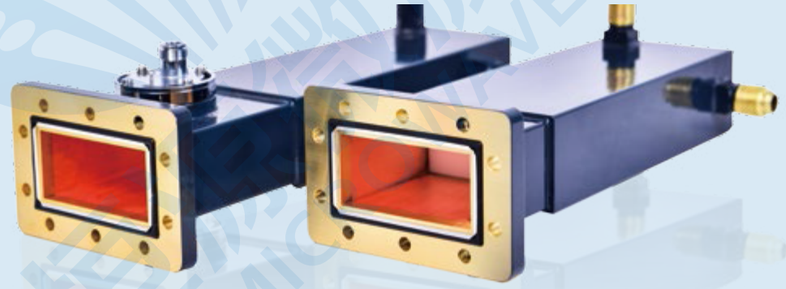
Low Power Waveguide Load

WG Type		Freq Range (GHz)	Bandwidth	VSWR	Average Power (KW)	Inflation Pressure (Mpa)
IEC	EIA					
BJ32	WR-284	2.60-3.95	5%	⩽ 1.1	⩽ 0.3	⩽ 0.3



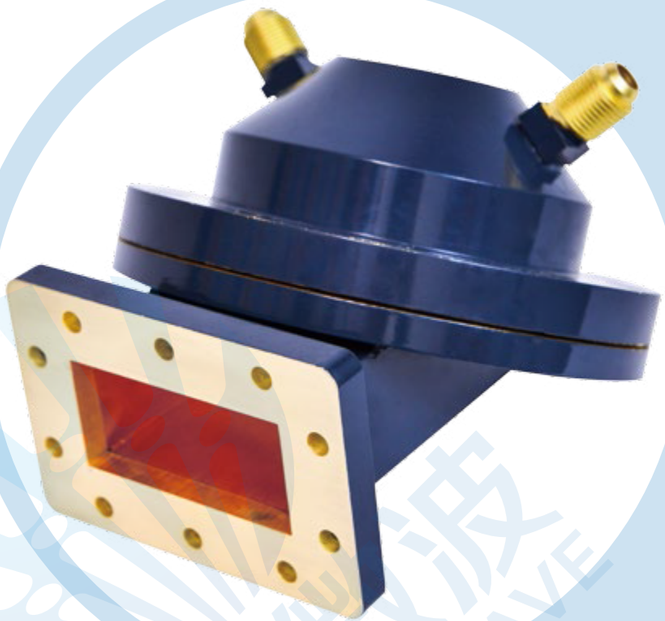


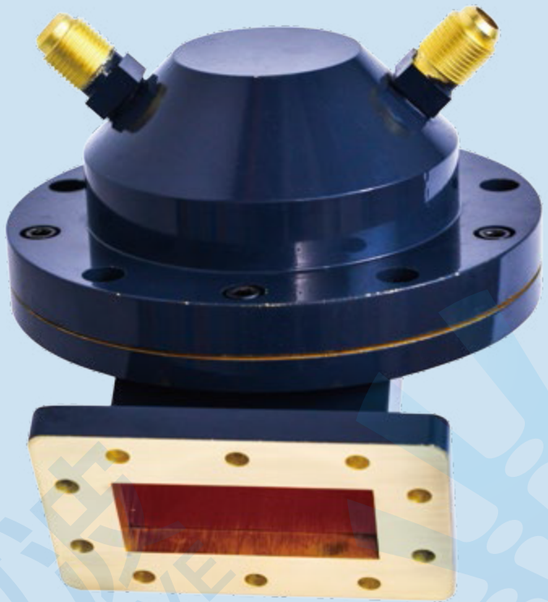




High Power Waveguide Radiation Water Load

WG Type		Freq Range (GHz)	Bandwidth	VSWR	Average Power (KW)	Pulse Power (MW)	Inflation Pressure (Mpa)
IEC	EIA						
BJ14	WR-650	1.13-1.73	⩽ 5%	⩽ 1.15	⩽ 25	⩽ 2.6	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 5%	⩽ 1.15	⩽ 20	⩽ 2.6	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 5%	⩽ 1.15	⩽ 20	⩽ 2.6	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 5%	⩽ 1.15	⩽ 15	⩽ 2.6	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 5%	⩽ 1.15	⩽ 10	⩽ 2.6	⩽ 0.3

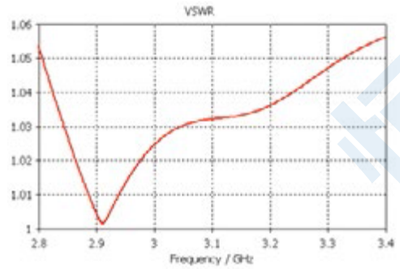


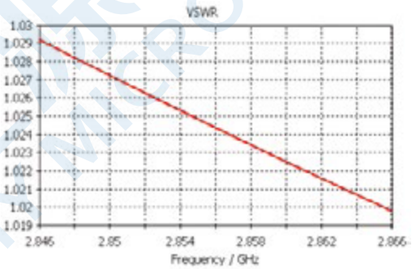








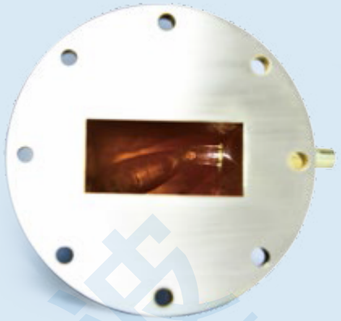




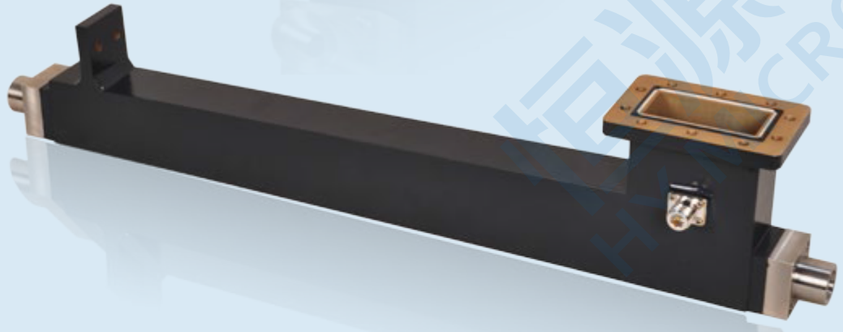
High Power Waveguide Wideband Radiation Water Load

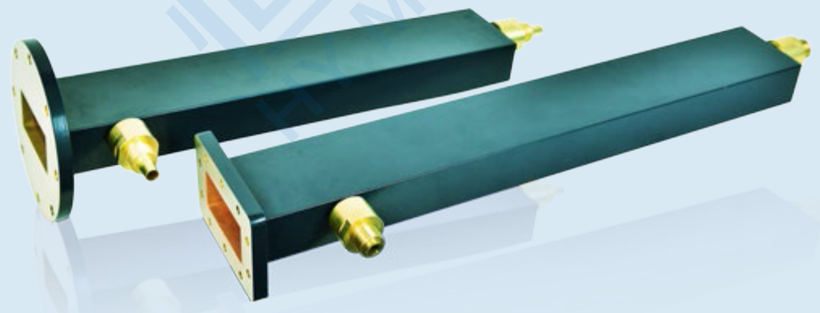
WG Type		Freq Range (GHz)	Bandwidth	VSWR	Average Power (KW)	Pulse Power (MW)	Inflation Pressure (Mpa)
IEC	EIA						
BJ32	WR-284	2.60-3.95	⩽ 30%	⩽ 1.15	⩽ 30	⩽ 2.6	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 30%	⩽ 1.15	⩽ 20	⩽ 1.5	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 30%	⩽ 1.15	⩽ 12	⩽ 1.2	⩽ 0.3









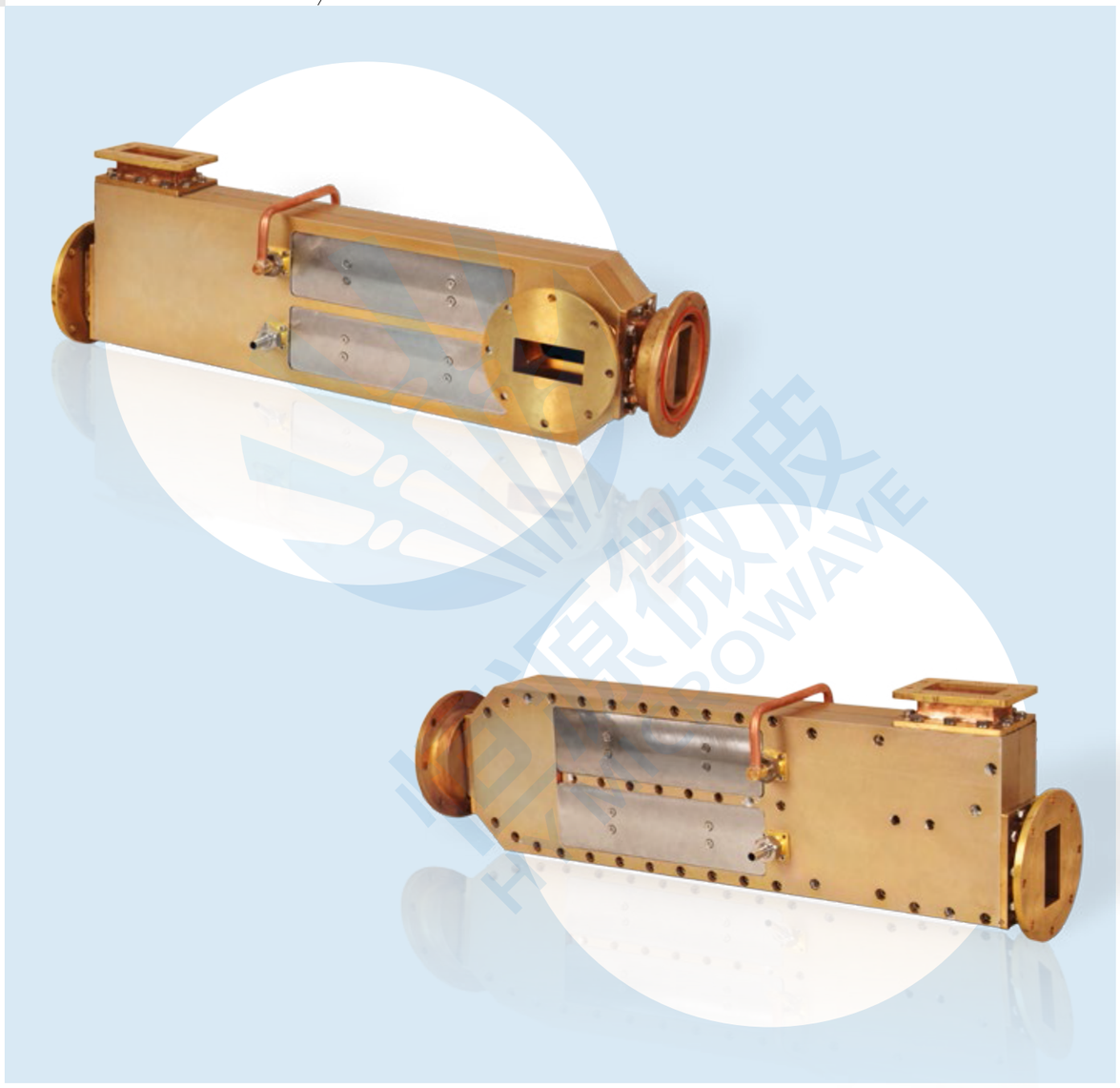


High Power Waveguide Absorption Water Load

WG Type		Freq Range (GHz)	Bandwidth	VSWR	Average Power (KW)	Pulse Power (MW)	Inflation Pressure (Mpa)
IEC	EIA						
BJ14	WR-650	1.13-1.73	⩽ 10%	⩽ 1.2	⩽ 50	⩽ 2.6	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 10%	⩽ 1.2	⩽ 50	⩽ 2.6	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 10%	⩽ 1.2	⩽ 40	⩽ 2.6	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 10%	⩽ 1.2	⩽ 40	⩽ 2.6	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 10%	⩽ 1.2	⩽ 35	⩽ 2.6	⩽ 0.3

High Power Waveguide Differential Phase Shift Circulator

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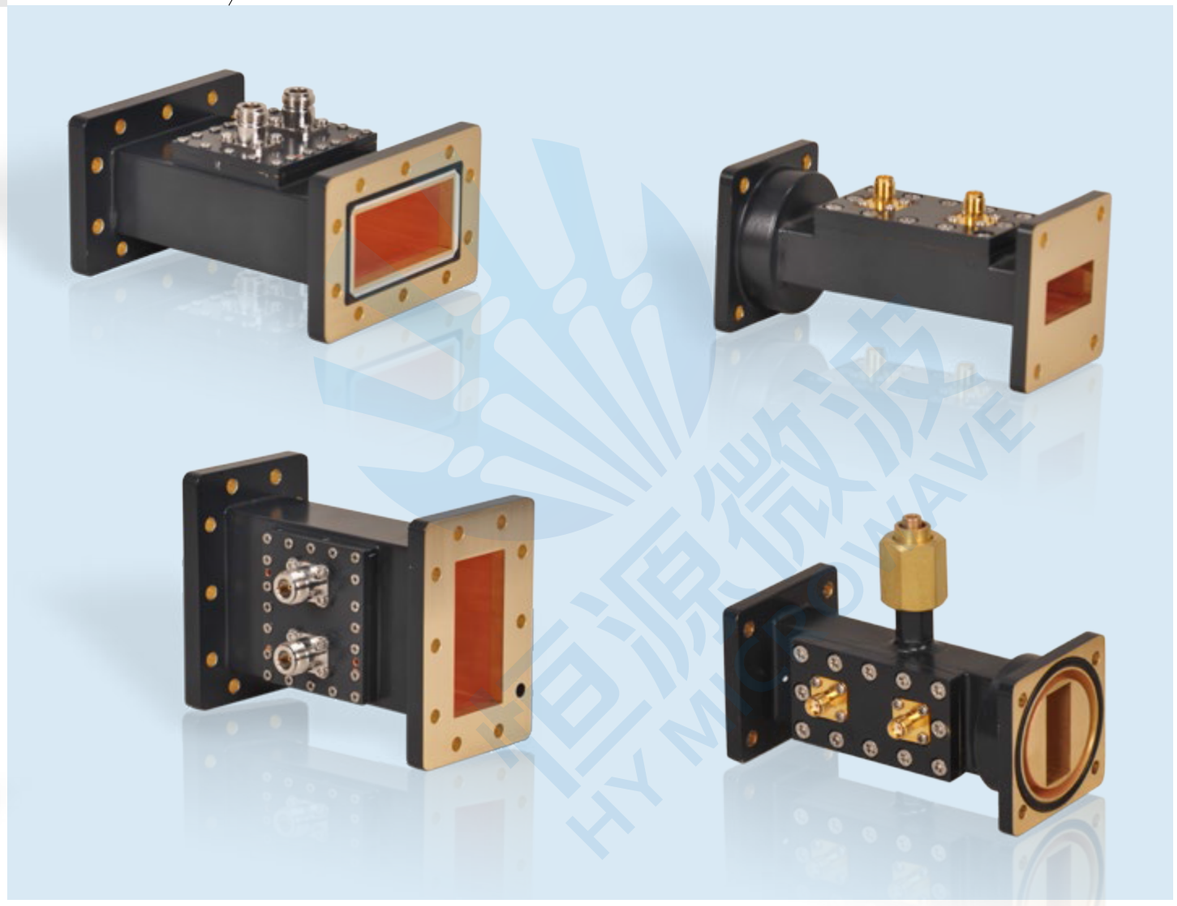


High Power Waveguide Differential Phase Shift Circulator

WG Type		Freq Range (GHz)	Bandwidth	VSWR	Average Power (KW)	Insert Loss (dB)	Directivity (dB)	Inflation Pressure (Mpa)
IEC	EIA							
BJ32	WR-284	2.60-3.95	⩽ 5%	⩽ 1.15	⩽ 3	⩽ 0.35	⩾ 25	⩽ 0.3

Waveguide Loop Coupler

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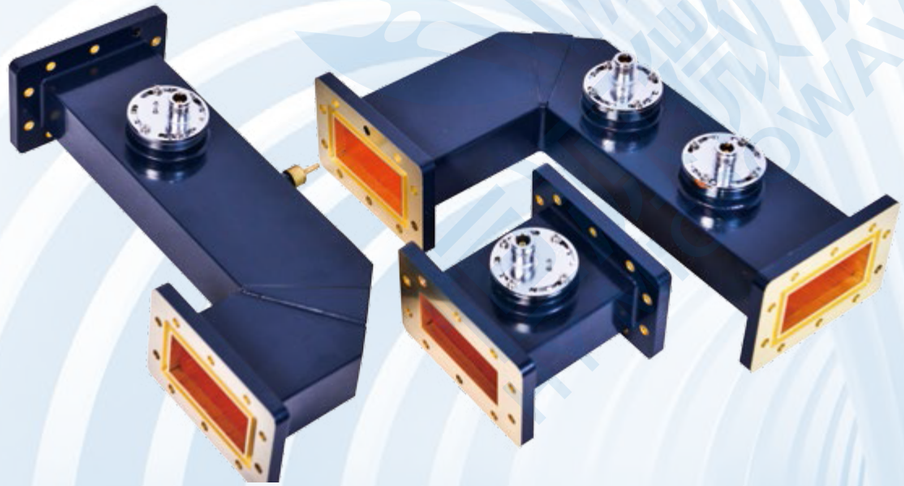


Waveguide Loop Coupler

WG Type		Freq Range (GHz)	Bandwidth	Main VSWR	Coupling Degree (dB)	Directivity (dB)	Inflation Pressure (Mpa)
IEC	EIA						
BJ14	WR-650	1.13-1.73	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 20	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 20	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 20	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 20	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 20	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 20	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 20	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 20	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 20	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 20	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 15	\
BJ120	WR-75	9.84-15.0	⩽ 20%	⩽ 1.1	20 ～ 60 (±1)	⩾ 15	\

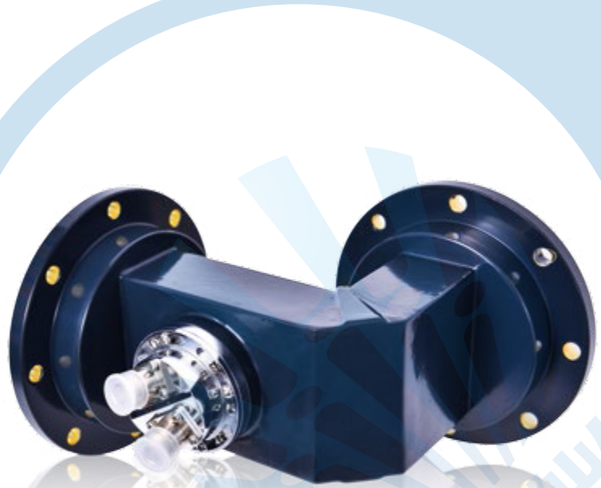


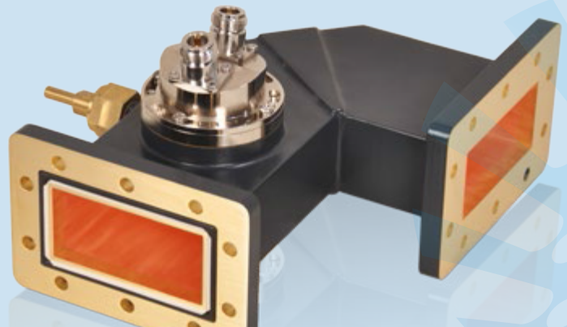




Waveguide Loop Coupler

WG Type		Freq Range (GHz)	Bandwidth	VSWR	Coupling Degree (dB)	Inflation Pressure (Mpa)
IEC	EIA					
BJ14	WR-650	1.13-1.73	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 10%	⩽ 1.1	20 ～ 60 (±1)	\



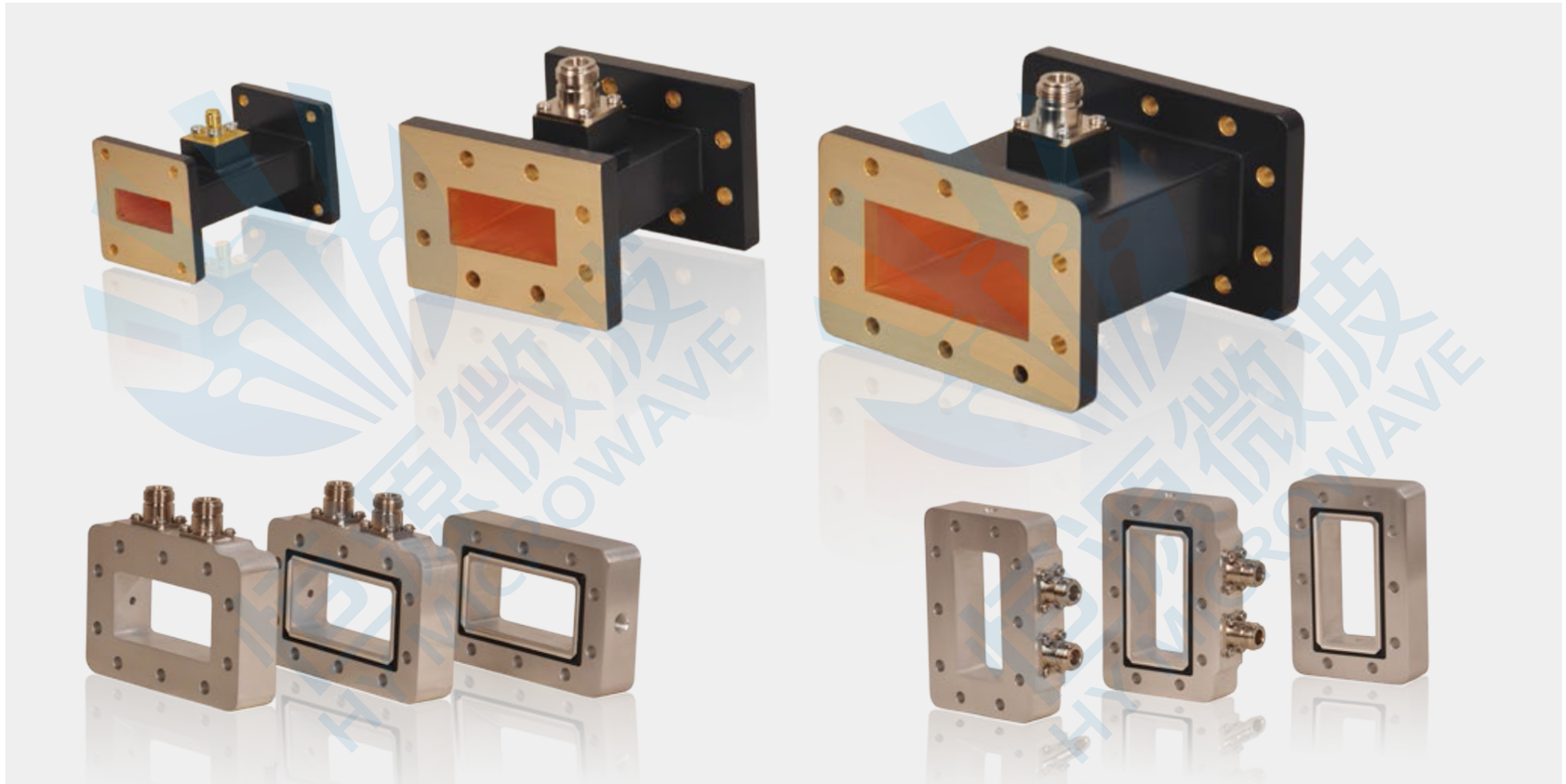




Waveguide Loop Coupler

WG Type		Freq Range (GHz)	Bandwidth	VSWR	Coupling Degree (dB)	Directivity (dB)	Inflation Pressure (Mpa)
IEC	EIA						
BJ14	WR-650	1.13-1.73	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 10%	⩽ 1.1	20 ~ 60 (±1)	⩾ 15	\

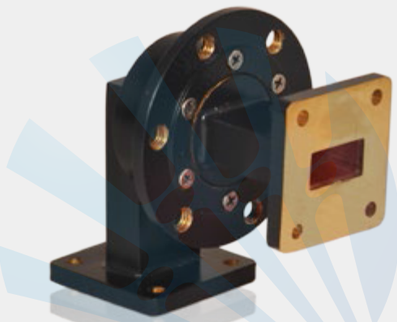
For different frequencies, angles and sizes can be custom made.





Waveguide Probe Coupler

WG Type		Freq Range (GHz)	Main VSWR	Coupling Degree (dB)	Inflation Pressure (Mpa)
IEC	EIA				
BJ14	WR-650	1.13-1.73	⩽ 1.05	20 ～ 60 (±1)	⩽ 0.3
BJ18	WR-510	1.45-2.20	⩽ 1.05	20 ～ 60 (±1)	⩽ 0.3
BJ22	WR-430	1.72-2.61	⩽ 1.05	20 ～ 60 (±1)	⩽ 0.3
BJ26	WR-340	2.17-3.3	⩽ 1.05	20 ～ 60 (±1)	⩽ 0.3
BJ32	WR-284	2.60-3.95	⩽ 1.05	20 ～ 60 (±1)	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 1.05	20 ～ 60 (±1)	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 1.05	20 ～ 60 (±1)	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 1.05	20 ～ 60 (±1)	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 1.05	20 ～ 60 (±1)	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 1.05	20 ～ 60 (±1)	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 1.05	20 ～ 60 (±1)	\
BJ120	WR-75	9.84-15.0	⩽ 1.05	20 ～ 60 (±1)	\









Waveguide Single Channel Rotary Joint

WG Type		Freq Range (GHz)	Bandwidth	VSWR	Insert Loss (dB)	Average Power (KW)	Inflation Pressure (Mpa)
IEC	EIA						
BJ32	WR-284	2.60-3.95	⩽ 15%	⩽ 1.2	⩽ 0.25	⩽ 3	⩽ 0.3
BJ40	WR-229	3.22-4.90	⩽ 15%	⩽ 1.2	⩽ 0.25	⩽ 3	⩽ 0.3
BJ48	WR-187	3.94-5.99	⩽ 15%	⩽ 1.2	⩽ 0.25	⩽ 3	⩽ 0.3
BJ58	WR-159	4.64-7.05	⩽ 15%	⩽ 1.2	⩽ 0.25	⩽ 2	⩽ 0.3
BJ70	WR-137	5.38-8.17	⩽ 15%	⩽ 1.2	⩽ 0.25	⩽ 2	⩽ 0.3
BJ84	WR-112	6.57-9.99	⩽ 15%	⩽ 1.2	⩽ 0.25	⩽ 2	⩽ 0.3
BJ100	WR-90	8.20-12.5	⩽ 15%	⩽ 1.2	⩽ 0.25	⩽ 1	\
BJ120	WR-75	9.84-15.0	⩽ 15%	⩽ 1.25	⩽ 0.25	⩽ 1	\
BJ140	WR-62	11.9-18.0	⩽ 15%	⩽ 1.25	⩽ 0.25	⩽ 1	\



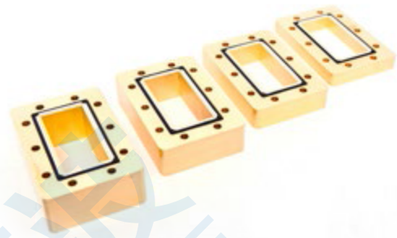
Sealing ring



Sealing ring



Cable



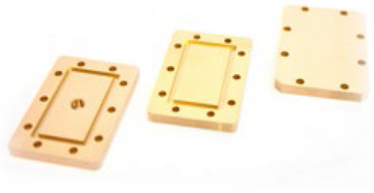
Flange ends



Stretch line



Crystal detector



Blind flange



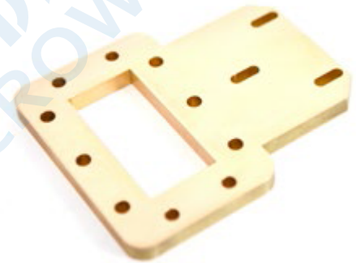
Fix attenuator



90 degree elbow



Delay line



Special shaped flange

Quality First

Customer First

Innovation & Development

Integrity & win-win

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