

BCONTENTS

About UIY.....	2
Main Products	4
RF Isolators	4
Coaxial Isolator.....	7
Drop in Isolator	8
Broadband Isolator	9
Dual Junction Isolator	12
Surface Mount Isolator	13
Microstrip Isolator	14
Waveguide Isolator	15
RF Circulators	4
Coaxial Circulator	16
Drop in Circulator.....	17
Broadband Circulator.....	18
Dual Junction Circulator.....	21
Surface Mount Circulator.....	24
Microstrip Circulator	24
Waveguide Circulator	25
RF Filters	5
Band Pass Filter	26
Low Pass Filter.....	33
High Pass Filter.....	34
Band Stop Filter.....	35
Attenuator/Termination/Load	5
Coaxial Termination	36
Coaxial Attenuator	39
Power Divider/Splitter	5
2 Way Power Divider	42
3 Way Power Divider	43
4 Way Power Divider	43
8 Way Power Divider	44
16 Way Power Divider	45
Duplexer/Triplexer	6
Duplexer.....	45
Triplexer	49
TX RX Combiner/Splitter	6
Tx & Rx Multicoupler	50
RX Splitter.....	51
Tx Combiner.....	51
Other Products.....	6
Hybrid Combiner	53
Directional Coupler	54
Waveguide to Coaxial Adapter	55
Contact UIY	57

About UIY

UIY was established in 2003 in Shenzhen, China, It is an integrated enterprise, which includes research, production, marketing and service for the civilian and military microwave communications device. The products are sold all over the world. Relying on industrial advantages and excellent professional skills, UIY won reputation and public praise in the microwave communications industry under experienced domestic and international operation mode. The frequency range DC-112GHz and average power up to 20KW, its products are widely used in civil, military, aerospace, space technology and other fields.

UIY has always been adhering to the 'Customer Oriented, Technology Leading, Integrity First, Bold Innovation' management philosophies, and believe in the 'Technical advantage is the foundation, market demand is the guidance'.

Since its establishment, UIY has been keeping in-depth cooperation and communication with renowned enterprises, institutions, scientific research institutions all over the world, laid the technical foundation for product development and research. During the constant developing and expanding period, UIY kept pursuing for more excellent enterprise quality. Steadily changing from a professional company to a diversified enterprise. Welcome partners from all over the world to cooperate with UIY, to feel the entrepreneurship strength in UIY. Wish to create a beautiful tomorrow with you together!



Manufactory



Conference Room



ENG corner



Technology Department

Culture of UIY

Paraphrase of UIY: become an industry-famous flagship with excellent technology and transmit the language of communications industry with professional attitude, to make technology serve the social development, economic construction, scientific research and military industry, and make UIY become an industrial famous brand recognized, well known and praised by the public, so that it can make more contributions for the development of global communications industry.

Enterprise Vision: Make UIY become an international reliable professional brand

Operation Philosophy: Customer Oriented, Technology Leading, Integrity first, Bold Innovation

As a high-tech enterprise, UIY always takes customer demands as the development direction. It pays attention to the technical R&D and adheres to the philosophy of integrity operation to move ahead during exploration. With the innovative attitude and pursuit of truth, it wins market position and development space for the enterprise.

Management Tenet: focus on R&D, constant innovation, self improvement and pursuit for changes, rigorousness and carefulness

UIY actively pursues for innovation, sticks to the management tenet of "self improvement and pursuit for changes, rigorousness and carefulness", and implements the management philosophy of "humanistic management, standardization and high efficiency". It always maintains the high market competitiveness and good corporate image during its pursuit for survival and development, thus winning honorable praise for its brand.

Core Values:

Position potential markets accurately with professional services;
Serve wide customers easily with advanced technologies;
Win global market with constant innovation;
Open the future of communications with successful cooperation.

Main Products

RF Isolators



[Coaxial Isolator](#)



[Drop in Isolator](#)



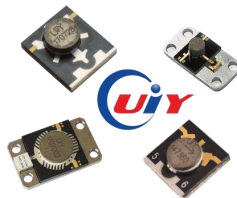
[Broadband Isolator](#)



[Dual Junction Isolator](#)



[Surface Mount Isolator](#)



[Microstrip Isolator](#)



[Waveguide Isolator](#)

RF Circulators



[Coaxial Circulator](#)



[Drop in Circulator](#)



[Broadband Circulator](#)



[Dual Junction Circulator](#)



[Surface Mount Circulator](#)



[Microstrip Circulator](#)



[Waveguide Circulator](#)

RF Filters


[Band Pass Filter](#)

[Low Pass Filter](#)

[High Pass Filter](#)

[Band Stop Filter](#)

Attenuator/Termination/Load


[Coaxial Termination](#)

[Coaxial Attenuator](#)

Power Divider/Splitter


[2 Way Power Divider](#)

[3 Way Power Divider](#)

[4 Way Power Divider](#)

[8 Way Power Divider](#)

[16 Way Power Divider](#)

Duplexer/Triplexer



[Duplexer](#)



[Triplexer](#)

TX RX Combiner/Splitter



[Tx & Rx Multicoupler](#)



[RX Splitter](#)



[Tx Combiner](#)

Other Products



[Hybrid Combiner](#)



[Directional Coupler](#)



[Waveguide to Coaxial Adapter](#)

Coaxial Isolator

- Can be dual junction even three for high isolation.
- Military, space and commercial applications.
- Custom design available upon request.
- Guaranteed for one year standard.



Low frequency from 10MHz to 1875MHz, FM, VHF, UHF, etc

Model No.	Freq.Range (MHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYCI8080A	10~55	20%	1.2	20	1.25	100	100	N, SMA	+10~+60	80×80×28
UIYCI6060A	45~270	40%	0.5	25	1.15	200	50	N, SMA	-30~+70	60×60×28
UIYCI6075A	45~270	40%	0.5	25	1.15	200	100	N, SMA	-30~+70	60×75×28
UIYCI80140B	60~200	20%	0.3	23	1.2	500	250	N	0~+70	80×140×18
UIYCI100166A	70~130	20%	0.5	20	1.25	500	250	N	0~+70	100×160×40
UIYCI5656A	130~900	40%	0.3	23	1.2	300	30	N,SMA	-30~+70	56×56×15
UIYCI5663A	130~900	40%	0.3	23	1.2	300	100	N,SMA	-30~+70	56×63.5×15
UIYCI3538A	200~1875	40%	0.3	35	1.15	300	30	N, SMA	-40~+85	35×38×15
UIYCI3556A	200~1875	40%	0.3	35	1.15	300	100	N, SMA	-40~+85	35×56×15
UIYBCI6060F	225~400	Full	0.8	18	1.3	160	50	N, SMA	0~60	60×60×28
			1.0	16	1.4				-40~+85	
UIYBCI6075F	225~400	Full	0.8	18	1.3	160	100	N, SMA	0~60	60×75×28
			1.0	16	1.4				-40~+85	
UIYCI4550A	250~1500	30%	0.3	23	1.15	300	30	N, SMA	-30~+70	45×50×24
UIYCI4580A	250~1500	30%	0.3	23	1.15	300	250	N, SMA	-30~+70	45×80×24
UIYBCI6060H	300~475	Full	0.8	18	1.3	100	50	N, SMA	25±5	60×60×28
			1.0	17	1.35				-40~+85	
UIYCI5356A	300~1500	18%	0.3	23	1.2	500	30	N	-40~+85	53×56×20

700MHz to 50GHz, GSM, CDMA, WCDMA, LTE, L. S. C. X band, etc

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYCI3434A	0.7~2.0	40%	0.25	23	1.15	200	30	N, SMA	-40~+85	34×34×22
UIYCI3232A	0.7~2.5	35%	0.3	23	1.15	200	30	N, SMA	-40~+85	32×32×18
UIYCI2528A	0.7~5.0	30%	0.3	23	1.15	200	30	N, SMA	-40~+85	25.4×28.5×15
UIYCI2538A	0.7~5.0	30%	0.3	23	1.15	200	100	N, SMA	-40~+85	25.4×38.5×15
UIYCI1522A	4.4~7.2	25%	0.3	23	1.2	60	5	N, SMA	-40~+85	15×22.5×13.8
UIYCI2536A	4.0~8.0	20%	0.3	23	1.2	300	100	N	-20~+70	25×36×18
UIYCI1321A	6.0~20.0	75%	0.3	23	1.2	80	20	SMA	-55~+85	13×21×13.8
UIYCI1318A	6.0~35.0	75%	0.3	23	1.2	60	5	SMA, 2.92mm	-55~+85	13×18×13.8
UIYBCI1025A	18.0~26.5	Full	0.7	20	1.3	10	2	2.92mm	-55~+85	10.2×25.6×12.5
	23.0~28.0	Full	0.9	20	1.3	10	2	2.92mm	-55~+85	10.2×25.6×12.5
UIYBCI1318E	22.0 ~ 33.0	Full	0.9	16	1.4	10	10	2.92mm	+25±5	13×18×12.8
			1.0	15	1.5				-40~+85	

Model No.	Freq.Range (GHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBCI1326A	26.5~40.0	Full	1.5	14	1.6	10	2	2.92mm	+25±5	13×26×16.6
			1.7	12	1.8				-45~+85	
UIYCI4337A	40.0~50.0	12%	0.8	15	1.5	10	1	2.4mm	-40~+85	43×37×20

Drop in Isolator

- Frequency Range 10MHz to 40GHz, up to 2000W power.
- Military, space and commercial applications.
- Low insertion Loss, High Isolation, High power handling.
- Custom design available upon request.



Low frequency from 10MHz to 3600MHz, FM, VHF, UHF, etc

Model No.	Freq.Range (MHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDI8080A	10~55	20%	1.2	20	1.25	100	100	TAB	+10~+60	80×80×28
UIYDI6060A	45~270	40%	0.5	25	1.15	200	50	TAB	-20~+65	60×60×28
UIYDI6075A	45~270	40%	0.5	25	1.15	200	100	TAB	-20~+65	60×75×28
UIYDI80140B	60~200	20%	0.3	23	1.2	500	250	TAB	0~+70	80×140×18
UIYDI100166A	70~130	20%	0.5	20	1.25	500	250	TAB	0~+70	100×160×40
UIYDI5656A	130~900	40%	0.3	23	1.2	300	30	TAB	-30~+70	56×56×15
UIYDI5663A	130~900	40%	0.3	23	1.2	300	100	TAB	-30~+70	56×63.5×15
UIYDI3538A	200~1875	40%	0.3	30	1.15	300	30	TAB	-40~+85	35×38×11
UIYDI3546A	200~1875	40%	0.3	30	1.15	300	100	TAB	-40~+85	35×46×11
UIYDI2525A	200~3600	30%	0.2	25	1.15	200	30	TAB	-40~+85	25.4×25.4×10.5
UIYDI2531A	200~3600	30%	0.2	25	1.15	200	100	TAB	-40~+85	25.4×31.7×10.5
UIYBDI6060F	225~400	Full	0.8	18	1.3	160	50	TAB	0~60	60×60×28
			1.0	16	1.4				-40~+85	
UIYBDI6075F	225~400	Full	0.8	18	1.3	160	100	TAB	0~60	60×75×28
			1.0	16	1.4				-40~+85	
UIYDI4242A	200~1300	35%	0.25	25	1.15	300	30	TAB	-30~+70	42×42×13
UIYDI4249A	200~1300	35%	0.25	25	1.15	300	100	TAB	-30~+70	42×49×13
UIYBDI6060H	300~475	Full	0.8	18	1.3	100	50	TAB	25±5	60×60×28
			1.0	17	1.35				-40~+85	
UIYDI5356A	300~1500	18%	0.3	23	1.2	500	30	TAB	-40~+85	53×56×20

400MHz to 40GHz, GSM, CDMA, WCDMA, LTE, L. S. C. X band, etc

Model No.	Freq.Range (GHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDI2020A	0.4~3.0	30%	0.25	25	1.15	100	30	TAB	-40~+85	20×20×10.6
UIYDI2027A	0.4~3.0	30%	0.25	25	1.15	100	100	TAB	-40~+85	20×27×10.6
UIYDI1919A	0.6~5.0	30%	0.25	25	1.15	100	30	TAB	-40~+85	19×19×8.6
UIYDI1925A	0.6~5.0	30%	0.25	25	1.15	100	100	TAB	-40~+85	19×25.4×8.6
UIYDI3232A	0.7~3.1	30%	0.3	23	1.15	200	30	TAB	-40~+85	32×32×11
UIYDI1212B	0.7~6.0	30%	0.3	23	1.2	60	20	TAB	-40~+85	12.7×12.7×8
UIYDI1219A	0.7~6.0	30%	0.3	23	1.2	100	100	TAB	-40~+85	12.7×19.1×8
UIYDI1220A	4.0~8.0	25%	0.25	23	1.2	60	5	TAB	-40~+85	12×20×8
UIYDI815A	5.0~25.0	40%	0.3	23	1.2	65	5	TAB	-55~+85	8.9×15×7.8
UIYDI1318A	17.0~27.5	20%	0.5	20	1.25	30	5	TAB	-40~+85	13×18×12.8

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBDI1025A	18.0~26.5	Full	0.7	20	1.3	10	2	TAB	-40~+70	10.2×25.6×12.5
	23.0~28.0	Full	0.9	20	1.3	10	2	TAB	-40~+70	10.2×25.6×12.5
UIYBDI1318E	22.0 ~ 33.0	Full	0.9	16	1.4	10	10	TAB	+25±5	13×18×12.8
			1.0	15	1.5				-40~+85	
UIYBDI1326A	26.5~40.0	Full	1.5	14	1.6	10	2	TAB	+25±5	13×26×16.6
			1.7	12	1.8				-45~+85	

Broadband Isolator

- Frequency range 56MHz to 40GHz, BW up to 13.5GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Coaxial type from 56MHz to 40GHz

Model No.	Freq.Range (MHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBCI6060E	56~86	Full	1.5	16	1.4	60	30	N, SMA	-10~+60	60×60×28
UIYBCI6060A	68~88	Full	1.3	18	1.3	100	30	N, SMA	-10~+65	60×60×28
UIYBCI6060B	88~108	Full	0.65	20	1.25	100	30	N, SMA	-20~+70	60×60×28
UIYBCI6060C	130~180	Full	0.8	18	1.3	100	30	N, SMA	-20~+70	60×60×28
UIYBCI6060D	136~174	Full	0.65	20	1.25	100	30	N, SMA	-20~+70	60×60×28
UIYBCI6060F	225~400	Full	0.8	18	1.3	160	50	N, SMA	0~60	60×60×28
			1.0	16	1.4				-40~+85	
UIYBCI6075F	225~400	Full	0.8	18	1.3	160	100	N, SMA	0~60	60×75×28
			1.0	16	1.4				-40~+85	
UIYBCI6060H	300~475	Full	0.8	18	1.3	100	50	N, SMA	25±5	60×60×28
			1.0	17	1.35				-40~+85	
UIYBCI3538A	380~460	Full	0.5	18	1.3	300	30	N, SMA	-30~+70	35×38×15
UIYBCI3538B	400~470	Full	0.4	20	1.25	300	30	N, SMA	-30~+70	35×38×15
UIYBCI3538C	600~800	Full	0.5	18	1.3	300	30	N, SMA	-30~+70	35×38×15
UIYBCI6060G	600~900	Full	0.5	16	1.4	300	30	N, SMA	-30~+75	60×60×26
UIYBCI3434B	700~900	Full	0.4	18	1.3	200	30	N, SMA	-30~+70	34×34×22
UIYBCI3434A	800~1000	Full	0.4	20	1.25	200	30	N, SMA	-30~+70	34×34×22
UIYBCI3434D	950~1415	Full	0.6	18	1.3	200	30	N, SMA	0~+60	34×34×22
UIYBCI4550A	950~1450	Full	0.6	16	1.4	200	30	N, SMA	-30~+70	45×50×24
UIYBCI3232A	960~1215	Full	0.4	20	1.25	200	30	N, SMA	-30~+70	32×32×18
UIYBCI3434F	1225~1875	Full	0.6	16	1.4	200	30	N, SMA	0~+60	34×34×22

Model No.	Freq.Range (GHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBCI7272A	0.8~2.0	Full	1.3	12	1.6	300	30	N, SMA	+10~+70	72×72×27.4
UIYBCI6466A	1.0~2.0	Full	0.6	17	1.4	100	30	N, SMA	+10~+70	64×66×26
UIYBCI14272A	1.0~2.0	Full	1.4	34	1.35	300	30	N, SMA	+10~+70	144×72×27.4
UIYBCI3434G	1.0~1.3	Full	0.4	20	1.25	200	30	N, SMA	-30~+70	34×34×22
UIYBCI3434C	1.0~1.5	Full	0.6	16	1.4	200	30	N, SMA	0~+65	34×34×22
UIYBCI5049A	1.35~2.7	Full	0.5	18	1.3	100	30	N, SMA	0~+70	50.8×49.5×19
UIYBCI10149A	1.35~2.7	Full	1.0	36	1.3	100	30	N, SMA	0~+70	101.6×49.5×19
UIYBCI5049B	1.5~3.0	Full	0.5	17	1.35	100	30	N, SMA	0~+70	50.8×49.5×19
UIYBCI10149B	1.5~3.0	Full	1.0	34	1.35	100	30	N, SMA	0~+70	101.6×49.5×19
UIYBCI3232B	1.6~2.0	Full	0.5	18	1.3	200	30	N, SMA	-20~+65	32×32×18
UIYBCI3232C	1.7~2.2	Full	0.6	18	1.3	200	30	N, SMA	-30~+70	32×32×18
UIYBCI4040A	1.7~3.5	Full	0.7	17	1.4	100	30	N, SMA	0~+70	40×40×20
UIYBCI3232D	1.8~2.4	Full	0.5	18	1.3	200	30	N, SMA	-30~+70	32×32×18
UIYBCI4040B	1.85~3.8	Full	0.7	17	1.35	100	30	N, SMA	0~+70	40×40×20
UIYBCI3234A	2.0~4.0	Full	0.6	18	1.3	100	30	N, SMA	+10~+70	32×34×21
UIYBCI6434A	2.0~4.0	Full	1.2	36	1.3	100	30	N, SMA	+10~+70	64×34×21
UIYBCI3038A	2.0~6.0	Full	0.8	13	1.5	100	100	N, SMA	-40~+70	30.5×38.5×15
UIYBCI6236B	2.0~8.0	Full	1.8	14	1.6	100	20	SMA	+10~+70	62×36.6×19.4
UIYBCI2528A	3.0~6.0	Full	0.5	18	1.3	100	30	N, SMA	-55~+85	25.4×28×14
UIYBCI5028A	3.0~6.0	Full	1.0	36	1.3	100	30	N, SMA	-55~+85	50.8×28×14
UIYBCI2528B	3.5~6.5	Full	0.6	17	1.35	100	30	N, SMA	-55~+85	25.4×28×14
UIYBCI2122A	4.0~8.0	Full	0.5	18	1.3	100	20	N, SMA	-55~+85	21×22.5×15
UIYBCI4222A	4.0~8.0	Full	1.0	36	1.3	100	20	N, SMA	-55~+85	42×22.5×15
UIYBCI1621A	6.0~18.0	Full	1.5	10	1.9	60	10	SMA	-30~+70	16×21.5×14
UIYBCI1318A	8.0~12.0	Full	0.5	18	1.3	60	10	SMA	-55~+85	13×18×13.8
UIYBCI2618A	8.0~12.0	Full	1.0	36	1.3	60	10	SMA	-55~+85	26×18×13.8
UIYBCI1621B	8.0~18.0	Full	0.8	16	1.45	60	10	SMA	-30~+70	16×21.5×14
UIYBCI1318B	12.0~18.0	Full	0.5	18	1.3	60	10	SMA	-55~+85	13×18×13.8
UIYBCI2618B	12.0~18.0	Full	1.0	36	1.3	60	10	SMA	-55~+85	26×18×13.8
UIYBCI1025A	18.0~26.5	Full	0.7	20	1.3	10	2	2.92mm	-40~+70	10.2×25.6×12.5
	23.0~28.0	Full	0.9	20	1.3	10	2	2.92mm	-40~+70	10.2×25.6×12.5
UIYBCI1318E	22.0 ~ 33.0	Full	0.9	16	1.4	10	10	2.92mm	+25±5	13×18×12.8
			1.0	15	1.5				-40~+85	
UIYBCI1326A	26.5~40.0	Full	1.5	1.4	1.6	10	2	2.92mm	+25±5	13×26×16.6
			1.7	12	1.8				-45~+85	
Drop in type from 56MHz to 40GHz										
Model No.	Freq.Range (MHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBDI6060E	56~86	Full	1.5	16	1.4	60	30	TAB	+10~+60	60×60×28
UIYBDI6060A	68~88	Full	1.3	18	1.3	100	30	TAB	-10~+65	60×60×28

Model No.	Freq.Range (MHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBDI6060B	88~108	Full	0.65	20	1.25	100	30	TAB	-20~+70	60×60×28
UIYBDI6060C	130~180	Full	0.8	18	1.3	100	30	TAB	-20~+70	60×60×28
UIYBDI6060D	136~174	Full	0.65	20	1.25	100	30	TAB	-20~+70	60×60×28
UIYBDI6060F	225~400	Full	0.8	18	1.3	160	50	TAB	0~60	60×60×28
			1.0	16	1.4				-40~+85	
UIYBDI6075F	225~400	Full	0.8	18	1.3	160	100	TAB	0~60	60×75×28
			1.0	16	1.4				-40~+85	
UIYBDI6060H	300~475	Full	0.8	18	1.3	100	50	TAB	25±5	60×60×28
			1.0	17	1.35				-40~+85	
UIYBDI3538A	380~460	Full	0.5	18	1.3	300	30	TAB	-30~+70	35×38×11
UIYBDI3538B	400~470	Full	0.4	20	1.25	300	30	TAB	-30~+70	35×38×11
UIYBDI3538C	600~800	Full	0.5	19	1.3	300	30	TAB	-30~+70	35×38×11
UIYBDI3232A	700~900	Full	0.5	20	1.2	250	30	TAB	-30~+70	32×32×11
UIYBDI2525A	800~1000	Full	0.4	19	1.25	200	30	TAB	-30~+70	25.4×25.4×10.5
UIYBDI3538F	950~1415	Full	0.6	16	1.4	300	30	TAB	0~+70	35×38×11
UIYBDI2525B	960~1215	Full	0.5	20	1.25	200	30	TAB	-30~+70	25.4×25.4×10.5
UIYBDI3538E	1225~1875	Full	0.6	16	1.4	300	30	TAB	0~+70	35×38×11
Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBDI7272A	0.8~2.0	Full	1.3	12	1.6	300	30	TAB	+10~+70	72×72×27.4
UIYBDI6466A	1.0~2.0	Full	0.6	17	1.4	100	30	TAB	+10~+70	64×66×26
UIYBDI14272A	1.0~2.0	Full	1.4	34	1.35	300	30	TAB	+10~+70	144×72×27.4
UIYBDI3538D	1.0~1.3	Full	0.4	20	1.25	300	30	TAB	-30~+70	35×38×11
UIYBDI5049A	1.35~2.7	Full	0.5	18	1.3	100	30	TAB	0~+70	50.8×49.5×19
UIYBDI10149A	1.35~2.7	Full	1.0	36	1.3	100	30	TAB	0~+70	101.6×49.5×19
UIYBDI5049B	1.5~3.0	Full	0.5	17	1.35	100	30	TAB	0~+70	50.8×49.5×19
UIYBDI10149B	1.5~3.0	Full	1.0	34	1.35	100	30	TAB	0~+70	101.6×49.5×19
UIYBDI4040A	1.7~3.5	Full	0.7	17	1.4	100	30	TAB	0~+70	40×40×20
UIYBDI2525C	1.8~2.0	Full	0.4	20	1.25	200	30	TAB	-30~+70	25.4×25.4×10.5
UIYBDI4040B	1.85~3.8	Full	0.7	17	1.35	100	30	TAB	0~+70	40×40×20
UIYBDI3234A	2.0~4.0	Full	0.6	18	1.3	100	30	TAB	+10~+70	32×34×21
UIYBDI6434A	2.0~4.0	Full	1.2	36	1.3	100	30	TAB	+10~+70	64×34×21
UIYBDI3038A	2.0~6.0	Full	0.8	13	1.5	100	100	TAB	-40~+70	30.5×38.5×15
UIYBDI2528A	3.0~6.0	Full	0.5	18	1.3	100	30	TAB	-55~+85	25.4×28×14
UIYBDI5028A	3.0~6.0	Full	1.0	36	1.3	100	30	TAB	-55~+85	50.8×28×14
UIYBDI2528B	3.5~6.5	Full	0.5	18	1.3	100	30	TAB	-55~+85	25.4×28×14
UIYBDI2122A	4.0~8.0	Full	0.5	18	1.3	100	20	TAB	-55~+85	21×22.5×15
UIYBDI4222A	4.0~8.0	Full	1.0	36	1.3	100	20	TAB	-55~+85	42×22.5×15
UIYBDI1621A	6.0~18.0	Full	1.5	10	1.9	60	10	TAB	-30~+70	16×21.5×14
UIYBDI815A	8.0~12.0	Full	0.5	18	1.3	30	5	TAB	-55~+85	8.9×15×7.8
UIYBDI1716A	8.0~12.0	Full	1.0	36	1.3	30	5	TAB	-55~+85	17.6×16.5×7.5

Model No.	Freq.Range (GHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBDI1621B	8.0~18.0	Full	0.8	16	1.45	60	10	TAB	-30~+70	16×21.5×14
UIYBDI815B	12.0~18.0	Full	0.6	18	1.35	30	2	TAB	-55~+85	8.9×15×7.8
UIYBDI1716B	12.0~18.0	Full	1.2	36	1.35	30	2	TAB	-55~+85	17.6×16.5×7.5
UIYBDI1025A	18.0~26.5	Full	0.7	20	1.3	10	2	TAB	-40~+70	10.2×25.6×12.5
	23.0~28.0	Full	0.9	20	1.3	10	2	TAB	-40~+70	10.2×25.6×12.5
UIYBDI1318E	22.0 ~ 33.0	Full	0.9	16	1.4	10	10	TAB	+25±5	13×18×12.8
			1.0	15	1.5				-40~+85	
UIYBDI1326A	26.5~40.0	Full	1.5	14	1.6	10	2	TAB	+25±5	13×26×16.6
			1.7	12	1.8				-45~+85	

Dual Junction Isolator

- Frequency range 10MHz to 40GHz, up to 500W power.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Coaxial type 10MHz to 27.5GHz, FM, VHF, UHF, GSM, CDMA, WCDMA, LTE, L. S. C. X band, etc										
Model No.	Freq.Range (MHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYCDI16080A	10~55	20%	2.4	40	1.25	50	50	N, SMA	+10~+60	160×80×28
UIYCDI12060A	45~270	40%	0.8	50	1.15	200	50	N, SMA	-20~+65	120×60×28
UIYCDI12075A	45~270	40%	0.8	50	1.15	200	100	N, SMA	-20~+65	120×75×28
UIYCDI11256A	130~900	40%	0.6	46	1.2	300	30	N, SMA	-30~+70	112×56×15
UIYCDI9648A	250~1300	30%	0.6	50	1.15	400	30	N, SMA	-30~+70	96×48×24
UIYCDI9678A	250~1300	30%	0.6	50	1.15	400	250	N, SMA	-30~+70	96×78×24
UIYCDI7038A	300~1300	30%	0.6	55	1.15	300	30	N, SMA	-40~+85	70×38×15
UIYCDI7048A	300~1300	30%	0.6	55	1.15	300	100	N, SMA	-40~+85	70×48.5×15
UIYCDI6834A	700~2000	40%	0.6	45	1.2	200	30	N, SMA	-40~+85	68×34×22
UIYCDI6432A	700~3500	25%	0.6	50	1.15	200	30	N, SMA	-40~+85	64×32×18
UIYCDI3928A	3500~7000	20%	0.6	45	1.2	60	5	SMA	-40~+85	39×28×15
UIYCDI2618A	6000~27500	20%	0.6	45	1.2	60	5	SMA, 2.92mm	-55~+85	26×18×13.8
UIYBCI14272A	1000~2000	Full	1.4	34	1.35	300	30	N, SMA	+10~+70	144×72×27.4
UIYBCI10149A	1350~2700	Full	1.0	36	1.3	100	30	N, SMA	0~+70	101.6×49.5×19
UIYBCI10149B	1500~3000	Full	1.0	34	1.35	100	30	N, SMA	0~+70	101.6×49.5×19
UIYBCI6434A	2000~4000	Full	1.2	36	1.3	100	30	N, SMA	+10~+70	64×34×21
UIYBCI5028A	3000~6000	Full	1.0	36	1.3	100	30	N, SMA	-55~+85	50.8×28×14
UIYBCI4222A	4000~8000	Full	1.0	36	1.3	100	20	N, SMA	-55~+85	42×22.5×15
UIYBCI2618A	8000~12000	Full	1.0	36	1.3	60	10	SMA	-55~+85	26×18×13.8
UIYBCI2618B	12000~18000	Full	1.0	36	1.3	60	10	SMA	-55~+85	26×18×13.8

Drop in type 10MHz to 20GHz, FM,VHF,UHF,GSM,CDMA,WCDMA,LTE,L.S.C.X band, etc

Model No.	Freq.Range (MHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDDI16080A	10~55	20%	2.4	40	1.25	50	50	TAB	+10~+60	160×80×28
UIYDDI12060A	45~270	40%	0.8	50	1.15	200	50	TAB	-20~+65	120×60×28
UIYDDI12075A	45~270	40%	0.8	50	1.15	200	100	TAB	-20~+65	120×75×28
UIYDDI11256A	130~900	40%	0.6	46	1.2	300	30	TAB	-30~+70	112×56×15
UIYDDI5025A	200~3600	30%	0.4	50	1.15	200	30	TAB	-40~+85	50.8×25.4×8.6
UIYDDI5031A	200~3600	30%	0.5	50	1.15	200	100	TAB	-40~+85	50.8×31.7×8.6
UIYDDI7038A	300~1300	30%	0.6	45	1.15	300	30	TAB	-40~+85	70×38×11
UIYDDI7046A	300~1300	30%	0.6	45	1.15	300	100	TAB	-40~+85	70×46×11
UIYDDI4027A	400~3000	30%	0.5	50	1.15	100	100	TAB	-40~+85	40×27.5×8.6
Model No.	Freq.Range (MHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDDI3819A	600~5000	30%	0.5	50	1.15	100	30	TAB	-40~+85	38×19×8.2
UIYDDI2420A	4000~7000	20%	0.6	45	1.2	60	5	TAB	-40~+85	42×20×8
UIYDDI1716A	7000~20000	20%	0.6	46	1.2	30	5	TAB	-40~+85	17.6×16.5×7.5
UIYBDI14272A	1000~2000	Full	1.4	34	1.35	300	30	TAB	+10~+70	144×72×27.4
UIYBDI10149A	1350~2700	Full	1.0	36	1.3	100	30	TAB	0~+70	101.6×49.5×19
UIYBDI10149B	1500~3000	Full	1.0	34	1.35	100	30	TAB	0~+70	101.6×49.5×19
UIYBDI6434A	2000~4000	Full	1.2	36	1.3	100	30	TAB	+10~+70	64×34×21
UIYBDI5028A	3000~6000	Full	1.0	36	1.3	100	20	TAB	-55~+85	50.8×28×14
UIYBDI4222A	4000~8000	Full	1.0	36	1.3	100	20	TAB	-55~+85	42×22.5×15
UIYBDI1716A	8000~12000	Full	1.0	36	1.3	30	2	TAB	-55~+85	17.6×16.5×7.5
UIYBDI1716B	12000~18000	Full	1.2	36	1.35	30	2	TAB	-55~+85	17.6×16.5×7.5

Surface Mount Isolator

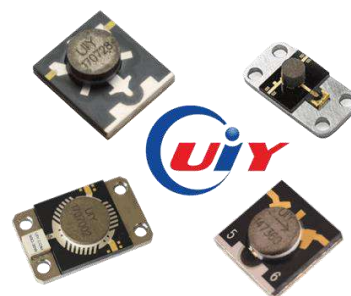
- Frequency range 200MHz to 15GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Surface Mount Isolator										
Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYSI25A	0.2~3.6	30%	0.25	25	1.15	100	10	SMT	-40~+85	Φ25.4×9
UIYSI36A	0.2~1.875	40%	0.2	30	1.15	200	10	SMT	-30~+70	Φ36×11
UIYSI20A	0.4~4.2	16%	0.25	25	1.15	60	10	SMT	-40~+85	Φ20.4×8.6
UIYSI15A	0.7~5.0	15%	0.3	23	1.2	60	10	SMT	-40~+85	Φ15.5×7
UIYSI12A	0.7~10.0	20%	0.3	23	1.2	30	10	SMT	-40~+85	Φ12.7×8
UIYSI10A	2.4~6.0	20%	0.3	21	1.2	30	10	SMT	-40~+85	Φ9.8×7

Microstrip Isolator

- Frequency Range 2.7 to 43GHz.
- Military, space and commercial applications.
- Low insertion Loss, High Isolation, High power handling.
- Custom design available upon request.



Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYMI1416A	2.7~4.9	40%	0.4	20	1.2	15	5	Microstrip	-55~+85	14×16×5
UIYMI1212A	3.9~5.9	25%	0.4	20	1.2	15	5	Microstrip	-55~+85	12×12×4
UIYMI1010A	5.0~8.0	45%	0.4	20	1.25	15	5	Microstrip	-55~+85	10×10×4
UIYBMI129A	6.0~18.0	Full	1.0	14	1.7	16	2	Microstrip	-55~+85	12×9.7×5.6
	8.0~18.0	Full	1.0	15	1.6					
UIYMI78A	7.0~12.0	40%	0.5	20	1.25	15	5	Microstrip	-55~+85	7×8×3.5
UIYBMI67B	8.0~12.0	Full	0.6	17	1.35	10	3	Microstrip	-55~+85	6×7×3.5
UIYBMI78A	8.0~12.0	Full	0.6	18	1.35	10	3	Microstrip	-55~+85	7×8×3.0
UIYMI67A	8.0~18.0	45%	0.5	20	1.25	15	3	Microstrip	-55~+85	6×7×3.5
UIYBMI67A	11.0~18.0	Full	0.9	15	1.45	10	3	Microstrip	-55~+85	6×7×3
UIYMI56A	14.0~40.0	20%	0.5	20	1.25	10	3	Microstrip	-55~+85	5×6×3.5
UIYMI45A	18.0~24.0	20%	0.6	17	1.3	2	2	Microstrip	-55~+85	4.5×5.5×3.5
UIYMI45B	22.0~32.0	25%	0.7	17	1.3	2	2	Microstrip	-55~+85	4.5×5.5×3.5
UIYMI34A	31.0~40.0	22%	1.0	14	1.4	2	2	Microstrip	-55~+85	3.5×4×3.5
UIYMI44C	37.0~43.0	100%	1.4	14	1.5	2	2	Microstrip	-55~+85	4×4.5×4

Waveguide Isolator

- Frequency range 5.4 to 110GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Model No.	Freq.Range (GHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYWI49100A	5.4~8.0	20%	0.25	25	1.2	100	30	WR137(BJ70)	-40~+85	68.3×80×49.2
UIYWI4876A	7.0~10.0	20%	0.25	25	1.2	100	30	WR112(BJ84)	-40~+85	48×76×36
UIYWI4893A	8.0~12.0	Full	0.5	18	1.3	100	30	WR90(BJ100)	-40~+85	48×93×42
UIYWI4242A	8.0~12.4	25%	0.25	25	1.2	100	30	WR90(BJ100)	-40~+85	42×42×28
UIYWI4444A	10.0~15.0	20%	0.25	25	1.2	100	30	WR75(BJ120)	-40~+85	44.5×44.5×38.1
UIYWI3898A	12.0~18.0	Full	0.4	20	1.3	100	30	WR62(BJ140)	-40~+85	33.3×98×38
UIYWI3333A	12.4~18.0	20%	0.25	25	1.2	100	30	WR62(BJ140)	-40~+85	33×33×21
UIYWI2238A	17.7~21.6	90%	0.3	20	1.22	30	15	WR42(BJ220)	-55~+85	22.4×38×18
UIYWI2869A	18.0~26.5	Full	0.3	20	1.25	100	30	WR42(BJ220)	-40~+85	22.4×69×28
UIYWI3060A	19.2~31.0	Full	0.4	18	1.3	50	20	WR34(BJ260)	-40~+85	30×60×22.4
UIYWI3060B	21.7~33.0	15%	0.3	20	1.2	60	30	WR34(BJ260)	-40~+70	30×60×22.4
UIYWI2260A	22.0~33.0	Full	0.3	18	1.3	60	30	WR34(BJ260)	-40~+70	30×60×22.4
UIYWI2259A	26.5~40.0	Full	0.45	16	1.4	25	10	WR28(BJ320)	-40~+85	25.5×59.9×25.9
UIYWI2445A	26.5~40.0	10%	0.3	20	1.2	40	40	WR28(BJ320)	-40~+85	24×45×19.1
UIYWI1940A	27.0~31.0	Full	0.4	18	1.3	10	1	WR28(BJ320)	-40~+70	19×40×10
UIYWI2262A	27.0~31.0	Full	0.3	20	1.2	120	50	WR28(BJ320)	-40~+85	22.5×62.9×25.9
UIYWI1931A	27.0~31.0	Full	0.4	20	1.2	50	20	WR28(BJ320)	-40~+85	19×31.75×12.7
UIYWI1938A	29.0~31.0	Full	0.3	20	1.2	40	15	WR28(BJ320)	-40~+85	14×38×19
UIYWI2025B	33.0~38.0	Full	0.3	20	1.3	25	10	WR28(BJ320)	-40~+85	20×25×10
UIYWI2836A	33.0~50.0	15%	0.4	18	1.3	10	1	WR22(BJ400)	-40~+85	28.6×36.7×12.7
UIYWI1957A	43.0~46.0	Full	0.4	18	1.35	80	15	WR22(BJ400)	-40~+85	19.1×57.0×30
UIYWI1636A	47.0~51.5	Full	0.4	18	1.3	10	1	WR19(BJ500)	-40~+85	16×36×30
UIYWI2128A	50.0~60.0	Full	0.8	18	1.4	10	1	WR15(BJ620)	-40~+70	21×28×15
UIYWI2025A	51.0~59.0	Full	0.6	18	1.4	10	1	WR15(BJ620)	-40~+70	20×25.5×15
UIYWI1925A	71.0~86.0	10%	1.0	18	1.4	10	2	WR12(BJ740)	-55~+75	19.1×25.5×15
UIYWI1930A	81.0~86.0	Full	1.0	18	1.35	10	1	WR10(BJ900)	-40~+70	19.1×30×13.4
UIYWI2030A	93.5~94.5	Full	0.6	20	1.2	10	2	WR10(BJ900)	-40~+85	20×30×20

Coaxial Circulator

- Frequency range 10MHz to 50GHz, up to 30KW power.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Low frequency from 10MHz to 1875MHz, FM, VHF, UHF, etc

Model No.	Freq.Range (MHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYCC8080A	10~55	20%	1.2	20	1.25	100	100	N, SMA	+10~+65	80×80×28
UIYCC6060A	45~270	40%	0.5	25	1.15	200	200	N, SMA	-30~+70	60×60×28
UIYCC8080B	60~200	20%	0.3	23	1.2	500	500	N	0~+70	80×80×18
UIYCC100100A	70~130	20%	0.5	20	1.25	500	500	N	0~+70	100×100×40
UIYCC120140A	100~200	2%	0.4	23	1.2	1000 Peak 10KW	1000 Peak 10KW	7/16	0~+85	120×140×50
UIYCC5656A	130~900	40%	0.3	23	1.2	300	300	N, SMA	-30~+70	56×56×15
UIYCC3538A	200~1875	40%	0.3	30	1.15	300	300	N, SMA	-40~+85	35×38×15
UIYBCC6060F	225~400	Full	0.8	18	1.3	160	160	N, SMA	0~60	60×60×28
			1.0	16	1.4				-40~+85	
UIYCC4550A	250~1500	30%	0.3	23	1.15	300	300	N, SMA	-30~+70	45×50×24
UIYBCC6060H	300~475	Full	0.8	18	1.3	100	100	N, SMA	25±5	60×60×28
			1.0	17	1.35				-40~+85	
UIYCC5356A	300~1500	18%	0.3	23	1.2	500	500	N	-40~+85	53×56×20

700MHz to 50GHz, GSM, CDMA, WCDMA, LTE, L.S.C.X band, etc

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYCC3434A	0.7~2.0	40%	0.25	23	1.15	200	200	N, SMA	-40~+85	34×34×22
UIYCC3232A	0.7~2.5	35%	0.3	23	1.15	200	200	N, SMA	-40~+85	32×32×18
UIYCC2528A	0.7~5.0	30%	0.3	23	1.15	200	200	N, SMA	-40~+85	25.4×28.5×15
UIYCC4546A	1.0~3.8	15%	0.3	23	1.2	600	600	N	-40~+85	45×46×26
UIYCC104110A	2.0~4.0	10%	0.4	18	1.3	3000 Peak 30KW	3000 Peak 30KW	7/16	-55~+85	104×110×48
UIYCC1522A	4.4~7.2	25%	0.3	23	1.2	60	60	N, SMA	-40~+85	15×22.5×13.8
UIYCC2525A	4.0~8.0	20%	0.6	20	1.25	300	300	N	-20~+70	25×25.5×18
UIYCC1318A	6.0~36.0	75%	0.3	23	1.2	60	60	SMA, 2.92mm	-55~+85	13×18×13.8
UIYBCC1318C	18.0~26.5	Full	1.1	14.5	1.6	10	10	SMA	+25±5	13×18×12.8
			1.2	14	1.6				-40~+80	

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBCC1318E	22.0~33.0	Full	0.9	16	1.4	10	10	2.92mm	+25±5	13×18×12.8
			1.0	15	1.5				-40~+80	
UIYBCC1316A	26.5~40.0	Full	1.5	14	1.6	10	10	2.92mm	+25±5	13×16×12.8
			1.7	12	1.8				-45~+85	
UIYCC4337A	40.0~50.0	12%	0.8	15	1.5	10	10	2.4mm	-40~+80	43×37×20

Drop in Circulator

- Frequency range 10MHz to 40GHz, up to 2000W power.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Low frequency from 10MHz to 3600MHz, FM, VHF, UHF, etc

Model No.	Freq.Range (MHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDC8080A	10~55	20%	1.2	20	1.25	100	100	TAB	+10~+60	80×80×28
UIYDC6060A	45~270	40%	0.5	25	1.15	200	200	TAB	-30~+70	60×60×28
UIYDC8080B	60~200	20%	0.3	23	1.2	500	500	TAB	0~+70	80×80×18
UIYDC100100A	70~130	20%	0.5	20	1.25	500	500	TAB	0~+70	100×100×40
UIYDC5656A	130~900	40%	0.3	23	1.2	300	300	TAB	-30~+70	56×56×15
UIYDC3538A	200~1875	40%	0.3	30	1.15	300	300	TAB	-40~+85	35×38×11
UIYDC2525A	200~3600	30%	0.2	25	1.15	200	200	TAB	-40~+85	25.4×25.4×10.5
UIYBDC6060F	225~400	Full	0.8	18	1.3	160	160	TAB	0~60	60×60×28
			1.0	16	1.4				-40~+85	
UIYDC4242A	200~1300	35%	0.25	25	1.15	300	300	TAB	-30~+70	42×42×13
UIYBDC6060H	300~475	Full	0.8	18	1.3	100	100	TAB	25±5	60×60×28
			1.0	17	1.35				-40~+85	
UIYDC5356A	300~1500	18%	0.3	23	1.2	500	500	TAB	-40~+85	53×56×20

400MHz to 40GHz, GSM, CDMA, WCDMA, LTE, L. S. C. X band, etc

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDC2020A	0.4~3.0	30%	0.25	25	1.15	100	100	TAB	-40~+85	20×20×10.6
UIYDC1919A	0.6~5.0	30%	0.25	25	1.15	100	100	TAB	-40~+85	19×19×8.6
UIYDC3232A	0.7~3.1	30%	0.3	23	1.15	200	200	TAB	-40~+85	32×32×11
UIYDC1212B	0.7~10.0	30%	0.3	23	1.2	60	60	TAB	-40~+85	12.7×12.7×8

Model No.	Freq.Range (GHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDC4546A	1.0~3.8	15%	0.3	23	1.2	600	600	TAB	-40~+85	45×46×26
UIYDC1220A	4.0~8.0	25%	0.25	23	1.2	60	60	TAB	-55~+85	12×20×8
UIYDC815A	5.0~25.0	40%	0.3	23	1.2	65	65	TAB	-55~+85	8.9×15×7.8
UIYDC1318A	17.0~36.0	20%	0.5	20	1.25	30	30	TAB	-40~+85	13×18×12.8
UIYBDC1318C	18.0~26.5	Full	1.1	145	1.6	10	10	TAB	+25±5	13×18×12.8
			1.2	14	1.6				-40~+80	
UIYBDC1318E	22.0~33.0	Full	0.9	16	1.4	10	10	TAB	+25±5	13×18×12.8
			1.0	15	1.5				-40~+80	
UIYBDC1316A	26.5~40.0	Full	1.5	14	1.6	10	10	TAB	+25±5	13×16×12.6
			1.7	12	1.8				-45~+85	

Broadband Circulator

- Frequency range 56MHz to 40GHz, BW up to 13.5GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Coaxial type from 56MHz to 40GHz

Model No.	Freq.Range (MHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBCC6060E	56~86	Full	1.5	16	1.4	60	60	N, SMA	-10~+60	60×60×28
UIYBCC6060A	68~88	Full	1.3	18	1.3	100	100	N, SMA	-10~+65	60×60×28
UIYBCC6060B	88~108	Full	0.65	20	1.25	100	100	N, SMA	-20~+70	60×60×28
UIYBCC6060C	130~180	Full	0.8	18	1.3	100	100	N, SMA	-20~+70	60×60×28
UIYBCC6060D	136~174	Full	0.65	20	1.25	100	100	N, SMA	-20~+70	60×60×28
UIYBCC6060F	225~400	Full	0.8	18	1.3	160	160	N, SMA	0~60	60×60×28
			1.0	16	1.4				-40~+85	
UIYBCC6060H	300~475	Full	0.8	18	1.3	100	100	N, SMA	25±5	60×60×28
			1.0	17	1.35				-40~+85	
UIYBCC3538A	380~460	Full	0.5	18	1.3	300	300	N, SMA	-30~+70	35×38×15
UIYBCC3538B	400~470	Full	0.4	20	1.25	300	300	N, SMA	-30~+70	35×38×15
UIYBCC3538C	600~800	Full	0.5	18	1.3	300	300	N, SMA	-30~+70	35×38×15
UIYBCC6060G	600~900	Full	0.5	16	1.4	100	100	N, SMA	-30~+75	60×60×26
UIYBCC3434B	700~900	Full	0.4	18	1.3	200	200	N, SMA	-30~+70	34×34×22
UIYBCC3434A	800~1000	Full	0.4	20	1.25	200	200	N, SMA	-30~+70	34×34×22
UIYBCC3434D	950~1415	Full	0.6	18	1.3	200	200	N, SMA	0~+60	34×34×22
UIYBCC4550A	950~1450	Full	0.6	16	1.4	200	200	N, SMA	-30~+70	45×50×26

Model No.	Freq.Range (MHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBCC3232A	960~1215	Full	0.4	20	1.25	200	200	N, SMA	-30~+70	32×32×18
UIYBCC3434F	1225~1875	Full	0.6	16	1.4	200	200	N, SMA	0~+60	34×34×22
Model No.	Freq.Range (GHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBCC7272A	0.8~2.0	Full	1.3	12	1.6	300	300	N, SMA	+10~+70	72×72×27.4
UIYBCC3434G	1.0~1.3	Full	0.4	20	1.25	200	200	N, SMA	-30~+70	34×34×22
UIYBCC3538D	1.0~1.3	Full	0.4	20	1.25	300	300	N, SMA	-30~+70	35×38×15
UIYBCC3434C	1.0~1.5	Full	0.6	16	1.4	200	200	N, SMA	0~+60	34×34×22
UIYBCC6466A	1.0~2.0	Full	0.6	17	1.4	100	100	N, SMA	+10~+70	64×66×26
UIYBCC14272A	1.0~2.0	Full	1.4	33	1.4	300	300	N, SMA	+10~+70	144×72×27.4
UIYBCC14272A4P	1.0~2.0	Full	1.4	33	1.4	300	300	N, SMA	+10~+70	144×72×27.4
UIYBCC7272B	1.0~2.0	Full	0.7	16	1.4	500	500	N	+10~+60	72×72×46
UIYBCC118140A	1.0~2.0	Full	0.8	15	1.5	500	500	N	+10~+60	118×140×100
UIYBCC5049A	1.35~2.7	Full	0.5	18	1.3	100	100	N, SMA	0~+70	50.8×49.5×19
UIYBCC10149A	1.35~2.7	Full	1.0	36	1.3	100	100	N, SMA	0~+70	101.6×49.5×19
UIYBCC10149A4P	1.35~2.7	Full	1.0	36	1.3	100	100	N, SMA	0~+70	101.6×49.5×19
UIYBCC5049B	1.5~3.0	Full	0.5	17	1.35	100	100	N, SMA	0~+70	50.8×49.5×19
UIYBCC10149B	1.5~3.0	Full	1.0	34	1.35	100	100	N, SMA	0~+70	101.6×49.5×19
UIYBCC3232B	1.6~2.0	Full	0.5	18	1.3	200	200	N, SMA	-20~+65	32×32×18
UIYBCC3232C	1.7~2.2	Full	0.6	18	1.3	200	200	N, SMA	-30~+70	32×32×18
UIYBCC4040A	1.7~3.5	Full	0.7	17	1.4	100	100	N, SMA	0~+70	40×40×20
UIYBCC3232D	1.8~2.4	Full	0.5	18	1.3	200	200	N, SMA	-30~+70	32×32×18
UIYBCC4040B	1.85~3.8	Full	0.7	17	1.35	100	100	N, SMA	0~+70	40×40×20
UIYBCC3234A	2.0~4.0	Full	0.6	17	1.35	100	100	N, SMA	+10~+70	32×34×21
UIYBCC6434A	2.0~4.0	Full	1.2	34	1.35	100	100	N, SMA	+10~+70	64×34×21
UIYBCC5972A	2.0~4.0	Full	0.6	16	1.4	500	500	N	+10~+60	59.4×72×40
UIYBCC3030A	2.0~6.0	Full	0.8	13	1.5	100	100	N, SMA	-40~+70	30.5×30.5×15
UIYBCC2528A	3.0~6.0	Full	0.5	18	1.3	100	100	N, SMA	-55~+85	25.4×28×14
UIYBCC5028A	3.0~6.0	Full	1.0	36	1.3	100	100	N, SMA	-55~+85	50.8×28×14
UIYBCC2122A	4.0~8.0	Full	0.5	18	1.3	100	100	N, SMA	-55~+85	21×22.5×15
UIYBCC4222A	4.0~8.0	Full	1.0	36	1.3	100	100	N, SMA	-55~+85	42×22.5×15
UIYBCC5654A	4.0~8.0	Full	0.6	16	1.4	300	300	N	-30~+70	56×54.3×36
UIYBCC1920A	6.0~18.0	Full	1.5	10	1.9	60	60	SMA	-30~+70	19×20.3×14
UIYBCC1318A	8.0~12.0	Full	0.5	18	1.3	60	60	SMA	-55~+85	13×18×13.8
UIYBCC2618A	8.0~12.0	Full	1.0	36	1.3	60	60	SMA	-55~+85	26×18×13.8
UIYBCC2618A4P	8.0~12.0	Full	1.0	36	1.3	60	60	SMA	-55~+85	26×18×13.8
UIYBCC1920B	8.0~18.0	Full	0.8	14	1.5	60	60	SMA	-30~+70	19×20.3×14
UIYBCC1318B	12.0~18.0	Full	0.5	18	1.3	60	60	SMA	-55~+85	13×18×13.8
UIYBCC2618B	12.0~18.0	Full	1.0	36	1.3	60	60	SMA	-55~+85	26×18×13.8
UIYBCC2618B4P	12.0~18.0	Full	1.0	36	1.3	60	60	SMA	-55~+85	26×18×13.8
UIYBCC1318C	18.0~26.5	Full	1.1 1.2	14.5 14	1.6 1.6	10 10	10 10	SMA SMA	+25±5 -40~+80	13×18×12.8

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBCC1318E	22.0~33.0	Full	0.9	16	1.4	10	10	2.92mm	+25±5	13×18×12.8
			1.0	15	1.5				-40~+80	
UIYBCC1316A	26.5~40.0	Full	1.5	14	1.6	10	10	2.92mm	+25±5	13×16×12.8
			1.7	12	1.8				-45~+85	

Drop in type from 56MHz to 40GHz

Model No.	Freq.Range (MHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBDC6060E	56~86	Full	1.5	16	1.4	60	60	TAB	-10~+60	60×60×28
UIYBDC6060A	68~88	Full	1.3	18	1.3	100	100	TAB	-10~+65	60×60×28
UIYBDC6060B	88~108	Full	0.65	20	1.25	100	100	TAB	-20~+70	60×60×28
UIYBDC6060C	130~180	Full	0.8	18	1.3	100	100	TAB	-20~+70	60×60×28
UIYBDC6060D	136~174	Full	0.65	20	1.25	100	100	TAB	-20~+70	60×60×28
UIYBDC6060F	225~400	Full	0.8	18	1.3	160	160	TAB	0~60	60×60×28
			1.0	16	1.4				-40~+85	
UIYBDC6060H	300~475	Full	0.8	18	1.3	100	100	TAB	25±5	60×60×28
			1.0	17	1.35				-40~+85	
UIYBDC3538A	380~460	Full	0.5	18	1.3	300	300	TAB	-30~+70	35×38×11
UIYBDC3538B	400~470	Full	0.4	20	1.25	300	300	TAB	-30~+70	35×38×11
UIYBDC3538C	600~800	Full	0.5	19	1.3	300	300	TAB	-30~+70	35×38×11
UIYBDC3232A	700~900	Full	0.4	20	1.2	250	250	TAB	-30~+70	32×32×11
UIYBDC2525A	800~1000	Full	0.4	19	1.25	200	200	TAB	-30~+70	25.4×25.4×10.5
UIYBDC3538F	950~1415	Full	0.6	16	1.4	300	300	TAB	0~+70	35×38×11
UIYBDC2525B	960~1215	Full	0.5	20	1.25	200	200	TAB	-30~+70	25.4×25.4×10.5
UIYBDC3538E	1225~1875	Full	0.6	16	1.4	300	300	TAB	0~+70	35×38×11

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBDC7272A	0.8~2.0	Full	1.3	12	1.6	300	300	TAB	+10~+70	72×72×27.4
UIYBDC6466A	1.0~2.0	Full	0.6	17	1.4	100	100	TAB	+10~+70	64×66×26
UIYBDC14272A	1.0~2.0	Full	1.4	33	1.4	300	300	TAB	+10~+70	144×72×27.4
UIYBDC14272A4P	1.0~2.0	Full	1.4	33	1.4	300	300	TAB	+10~+70	144×72×27.4
UIYBDC3538D	1.0~1.3	Full	0.4	20	1.25	300	300	TAB	-30~+70	35×38×11
UIYBDC5049A	1.35~2.7	Full	0.5	18	1.3	100	100	TAB	0~+70	50.8×49.5×19
UIYBDC10149A	1.35~2.7	Full	1.0	36	1.3	100	100	TAB	0~+70	101.6×49.5×19
UIYBDC5049B	1.5~3.0	Full	0.5	17	1.35	100	100	TAB	0~+70	50.8×49.5×19
UIYBDC10149B	1.5~3.0	Full	1.0	34	1.35	100	100	TAB	0~+70	101.6×49.5×19
UIYBDC4040A	1.7~3.5	Full	0.7	17	1.4	100	100	TAB	0~+70	40×40×20
UIYBDC2525C	1.8~2.0	Full	0.4	20	1.25	200	200	TAB	-30~+70	25.4×25.4×10.5
UIYBDC4040B	1.85~3.8	Full	0.7	17	1.35	100	100	TAB	0~+70	40×40×20
UIYBDC3234A	2.0~4.0	Full	0.6	17	1.35	100	100	TAB	+10~+70	32×34×21

Model No.	Freq.Range (GHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBDC6434A	2.0~4.0	Full	1.2	34	1.35	100	100	TAB	+10~+70	64×34×21
UIYBDC5972A	2.0~4.0	Full	0.6	16	1.4	500	500	TAB	+10~+60	59.4×72×50
UIYBDC3030A	2.0~6.0	Full	0.8	13	1.5	100	100	TAB	-40~+70	30.5×30.5×15
UIYBDC2528A	3.0~6.0	Full	0.5	18	1.3	100	100	TAB	-55~+85	25.4×28×14
UIYBDC5028A	3.0~6.0	Full	1.0	36	1.3	100	100	TAB	-55~+85	50.8×28×14
UIYBDC2528B	3.5~6.5	Full	0.5	18	1.3	100	100	TAB	-55~+85	25.4×28×14
UIYBDC5028B	3.5~6.5	Full	1.2	34	1.35	100	100	TAB	-55~+85	50.8×28×14
UIYBDC2122A	4.0~8.0	Full	0.5	18	1.3	100	100	TAB	-55~+85	21×22.5×15
UIYBDC4222A	4.0~8.0	Full	1.0	36	1.3	100	100	TAB	-55~+85	42×22.5×15
UIYBDC5654A	4.0~8.0	Full	0.6	16	1.4	300	300	TAB	-30~+70	56×54.3×36
UIYBDC1920A	6.0~18.0	Full	1.5	10	1.9	60	60	TAB	-30~+70	19×20.3×14
UIYBDC815A	8.0~12.0	Full	0.5	18	1.3	30	30	TAB	-55~+85	8.9×15×7.8
UIYBDC1716A	8.0~12.0	Full	1.0	36	1.3	30	30	TAB	-55~+85	17.6×16.5×7.5
UIYBDC1716A4P	8.0~12.0	Full	1.0	36	1.3	30	30	TAB	-55~+85	17.6×16.5×7.5
UIYBDC1920B	8.0~18.0	Full	0.8	14	1.5	60	60	TAB	-30~+70	19×20.3×14
UIYBDC815B	12.0~18.0	Full	0.6	18	1.35	30	30	TAB	-55~+85	8.9×15×7.8
UIYBDC1716B	12.0~18.0	Full	1.2	36	1.35	30	30	TAB	-55~+85	17.6×16.5×7.5
UIYBDC1716B4P	12.0~18.0	Full	1.2	36	1.35	30	30	TAB	-55~+85	17.6×16.5×7.5
UIYBDC1318C	18.0~26.5	Full	1.1	145	1.6	10	10	TAB	+25±5	13×18×12.8
			1.2	14	1.6				-40~+80	
UIYBDC1318E	22.0~33.0	Full	0.9	16	1.4	10	10	TAB	+25±5	13×18×12.8
			1.0	15	1.5				-40~+80	
UIYBDC1316A	26.5~40.0	Full	1.5	14	1.6	10	10	TAB	+25±5	13×16×12.6
			1.7	12	1.8				-45~+85	

Dual Junction Circulator

- Frequency range 10MHz to 40GHz, up to 500W power.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Coaxial type 10MHz to 27.5GHz, FM, VHF, UHF, GSM, CDMA, WCDMA, LTE, L. S. C. X band, etc

Model No.	Freq.Range (MHz)	Ports	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Dimension LxWxH(mm)
UIYCDC16080A	10~55	3 Port	20%	2.4	40	1.25	50	50	N, SMA	160×80×28
UIYCDC16080A4P	10~55	4 Port	20%	2.4	40	1.25	50	50	N, SMA	160×80×28
UIYCDC12060A	45~270	3 Port	40%	0.8	50	1.15	200	200	N, SMA	120×60×28
UIYCDC12060A4P	45~270	4 Port	40%	0.8	50	1.15	200	200	N, SMA	120×60×28
UIYCDC11256A	130~900	3 Port	40%	0.6	46	1.2	300	300	N, SMA	112×56×15

Model No.	Freq.Range (MHz)	Ports	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Dimension LxWxH(mm)
UIYCDC11256A4P	130~900	4 Port	40%	0.6	46	1.2	300	300	N, SMA	112×56×15
UIYCDC9648A	250~1000	3 Port	30%	0.6	50	1.15	400	400	N, SMA	96×48×24
UIYCDC9648A4P	250~1000	4 Port	30%	0.6	50	1.15	400	400	N, SMA	96×48×24
UIYCDC7038A	200~1875	3 Port	30%	0.4	60	1.15	300	300	N, SMA	70×38×15
UIYCDC7038A4P	200~1875	4 Port	30%	0.4	60	1.15	300	300	N, SMA	70×38×15
UIYCDC6834A	700~2000	3 Port	40%	0.6	45	1.2	200	200	N, SMA	68×34×22
UIYCDC6834A4P	700~2000	4 Port	40%	0.6	45	1.2	200	200	N, SMA	68×34×22
UIYCDC6432A	700~3500	3 Port	25%	0.6	50	1.15	200	200	N, SMA	64×32×18
UIYCDC6432A4P	700~3500	4 Port	25%	0.6	50	1.15	200	200	N, SMA	64×32×18
UIYCDC3928A	3500~7000	3 Port	20%	0.6	45	1.2	60	60	SMA	39×28×15
UIYCDC3928A4P	3500~7000	4 Port	20%	0.6	45	1.2	60	60	SMA	39×28×15
UIYCDC2618A	6000~27500	3 Port	20%	0.6	45	1.2	60	60	SMA, 2.92mm	26×18×13.8
UIYCDC2618A4P	6000~27500	4 Port	20%	0.6	45	1.2	60	60	SMA, 2.92mm	26×18×13.8
UIYBCC14272A	1000~2000	3 Port	Full	1.4	33	1.4	300	300	N, SMA	144×72×27.4
UIYBCC14272A4P	1000~2000	4 Port	Full	1.4	33	1.4	300	300	N, SMA	144×72×27.4
UIYBCC10149A	1350~2700	3 Port	Full	1.0	36	1.3	100	100	N, SMA	101.6×49.5×19
UIYBCC10149A4P	1350~2700	4 Port	Full	1.0	36	1.3	100	100	N, SMA	101.6×49.5×19
UIYBCC10149B	1500~3000	3 Port	Full	1.0	34	1.35	100	100	N, SMA	101.6×49.5×19
UIYBCC10149B4P	1500~3000	4 Port	Full	1.0	34	1.35	100	100	N, SMA	101.6×49.5×19
UIYBCC6434A	2000~4000	3 Port	Full	1.2	34	1.35	100	100	N, SMA	64×34×21
UIYBCC6434A4P	2000~4000	4 Port	Full	1.2	34	1.35	100	100	N, SMA	64×34×21
UIYBCC5028A	3000~6000	3 Port	Full	1.0	36	1.3	100	100	N, SMA	50.8×28×14
UIYBCC5028A4P	3000~6000	4 Port	Full	1.0	36	1.3	100	100	N, SMA	50.8×28×14
UIYBCC4222A	4000~8000	3 Port	Full	1.0	36	1.3	100	100	N, SMA	42×22.5×15
UIYBCC4222A4P	4000~8000	4 Port	Full	1.0	36	1.3	100	100	N, SMA	42×22.5×15
UIYBCC2618A	8000~12000	Full	1.0	36	1.3	60	60	SMA	-55~+85	26×18×13.8
UIYBCC2618A4P	8000~12000	Full	1.0	36	1.3	60	60	SMA	-55~+85	26×18×13.8
UIYBCC2618B	12000~18000	Full	1.0	36	1.3	60	60	SMA	-55~+85	26×18×13.8
UIYBCC2618B4P	12000~18000	Full	1.0	36	1.3	60	60	SMA	-55~+85	26×18×13.8

Drop in type 10MHz to 25GHz, FM, VHF, UHF, GSM, CDMA, WCDMA, LTE, L. S. C. X band, etc

Model No.	Freq.Range (MHz)	Ports	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Dimension LxWxH(mm)
UIYDDC16080A	10~55	3 Port	20%	2.4	40	1.25	50	50	TAB	160×80×28
UIYDDC16080A4P	10~55	4 Port	20%	2.4	40	1.25	50	50	TAB	160×80×28
UIYDDC12060A	45~270	3 Port	40%	0.8	50	1.15	200	100	TAB	120×60×28
UIYDDC12060A4P	45~270	4 Port	40%	0.8	50	1.15	200	100	TAB	120×60×28
UIYDDC11256A	130~900	3 Port	40%	0.6	46	1.2	300	300	TAB	112×56×15
UIYDDC11256A4P	130~900	4 Port	40%	0.6	46	1.2	300	300	TAB	112×56×15
UIYDDC5025A	200~3600	3 Port	30%	0.4	50	1.15	200	200	TAB	50.8×25.4×10.5
UIYDDC5025A4P	200~3600	4 Port	30%	0.4	50	1.15	200	200	TAB	50.8×25.4×10.5

Model No.	Freq.Range (MHz)	Ports	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Dimension LxWxH(mm)
UIYDDC5031A	200~3600	4 Port	30%	0.4	50	1.15	200	100	TAB	50.8×31.7×8.6
UIYDDC5031B	200~3600	4 Port	30%	0.4	50	1.15	200	100	TAB	50.8×31.7×8.6
UIYDDC7038A	200~1875	3 Port	30%	0.4	60	1.15	300	300	TAB	70×38×11
UIYDDC7038A4P	200~1875	4 Port	30%	0.4	60	1.15	300	300	TAB	70×38×11
UIYDDC3819A	600~5000	3 Port	30%	0.5	50	1.15	60	60	TAB	38×19×8.2
UIYDDC3819A4P	600~5000	4 Port	30%	0.5	50	1.15	60	60	TAB	38×19×8.2
UIYDDC2420A	4000~7000	3 Port	20%	0.6	45	1.2	60	60	TAB	24×20×8
UIYDDC2420A4P	4000~7000	4 Port	20%	0.6	45	1.2	60	60	TAB	24×20×8
UIYDDC1716A	5000~25000	3 Port	20%	0.6	46	1.2	60	60	TAB	17.6×16.5×7.5
UIYDDC1716A4P	5000~25000	4 Port	20%	0.6	46	1.2	60	60	TAB	17.6×16.5×7.5
UIYBDC14272A	1000~2000	3 Port	Full	1.4	33	1.4	300	300	TAB	144×72×27.4
UIYBDC14272A4P	1000~2000	4 Port	Full	1.4	33	1.4	300	300	TAB	144×72×27.4
UIYBDC10149A	1350~2700	3 Port	Full	1.0	36	1.3	100	100	TAB	101.6×49.5×19
UIYBDC10149A4P	1350~2700	4 Port	Full	1.0	36	1.3	100	100	TAB	101.6×49.5×19
UIYBDC10149B	1500~3000	3 Port	Full	1.0	34	1.35	100	100	TAB	101.6×49.5×19
UIYBDC10149B4P	1500~3000	4 Port	Full	1.0	34	1.35	100	100	TAB	101.6×49.5×19
UIYBDC6434A	2000~4000	3 Port	Full	1.2	34	1.35	100	100	TAB	64×34×21
UIYBDC6434A4P	2000~4000	4 Port	Full	1.2	34	1.35	100	100	TAB	64×34×21
UIYBDC5028A	3000~6000	3 Port	Full	1.0	36	1.3	100	100	TAB	50.8×28×14
UIYBDC5028A4P	3000~6000	4 Port	Full	1.0	36	1.3	100	100	TAB	50.8×28×14
UIYBDC4222A	4000~8000	3 Port	Full	1.0	36	1.3	100	100	TAB	42×22.5×15
UIYBDC4222A4P	4000~8000	4 Port	Full	1.0	36	1.3	100	100	TAB	42×22.5×15
UIYBDC1716A	8000~12000	3 Port	Full	1.0	36	1.3	30	30	TAB	17.6×16.5×7.5
UIYBDC1716A4P	8000~12000	4 Port	Full	1.0	36	1.3	30	30	TAB	17.6×16.5×7.5
UIYBDC1716B	12000~18000	3 Port	Full	1.2	36	1.35	30	30	TAB	17.6×16.5×7.5
UIYBDC1716B4P	12000~18000	4 Port	Full	1.2	36	1.35	30	30	TAB	17.6×16.5×7.5

Model No.	Freq.Range (GHz)	BW Max.	IL 1-3 (dB)	Isolation 3-1 (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDMC108A	8.0~12.0	20%	0.5	30	1.25	10	5	Microstrip	-55~+85	10×8×2.5
UIYDMC108B	8.0~12.0	20%	0.5	30	1.25	10	5	Microstrip	-55~+85	10×8×2.5
UIYDMC87A	14.0~18.0	25%	0.45	30	1.25	10	3	Microstrip	-55~+85	8×7×2.5
UIYDMC87B	14.0~18.0	25%	0.45	30	1.25	10	3	Microstrip	-55~+85	8×7×2.5

Dual Junction Circulator – Magnetic Shield

Model No.	Freq.Range (GHz)	BW Max.	IL 1-3 (dB)	Isolation 3-1 (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDMC109A	8.0~12.0	20%	0.45	30	1.25	10	5	Microstrip	-55~+85	10.4×9×4
UIYDMC109B	8.0~12.0	20%	0.45	30	1.25	10	5	Microstrip	-55~+85	10.4×9×4
UIYDMC87C	14.0~18.0	25%	0.45	30	1.25	10	3	Microstrip	-55~+85	8×7×4
UIYDMC87D	14.0~18.0	25%	0.45	30	1.25	10	3	Microstrip	-55~+85	8×7×4

Surface Mount Circulator

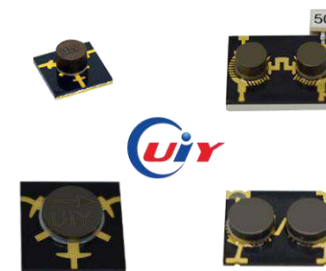
- Frequency range 200MHz to 15GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Surface Mount Circulator										
Model No.	Freq.Range (GHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYSC25A	0.2~3.6	10%	0.25	25	1.15	100	100	SMT	-40~+85	Φ25.4×9
UIYSC36A	0.2~1.875	40%	0.2	30	1.15	200	200	SMT	-30~+70	Φ36×11
UIYSC20A	0.4~4.2	16%	0.25	25	1.15	60	60	SMT	-40~+85	Φ20.4×8.6
UIYSC15A	0.7~5.0	15%	0.3	23	1.2	60	60	SMT	-40~+85	Φ15.5×7
UIYSC12A	0.7~10.0	20%	0.3	23	1.2	30	30	SMT	-40~+90	Φ12.7×8
UIYSC7A	2.4~6.0	15%	0.35	20	1.22	15	15	SMT	-40~+105	Φ7×6.0
UIYSC10A	2.4~6.0	20%	0.3	21	1.2	30	30	SMT	-40~+85	Φ9.8×7
UIYSC9B	4.8~12.0	18%	0.4	20	1.25	30	30	SMT	-20~+60	Φ9×6.5

Microstrip Circulator

- Frequency Range 2.7 to 40GHz
- Military, space and commercial applications.
- Low insertion Loss, High Isolation, High power handling.
- Custom design available upon request.



Single Junction Circulator										
Model No.	Freq.Range (GHz)	BW Max.	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYMC1414A	2.7~4.9	40%	0.4	20	1.2	15	15	Microstrip	-55~+85	14×14×5.5
UIYMC1212A	4.0~5.85	30%	0.4	20	1.2	15	15	Microstrip	-55~+85	12×12×4
UIYMC1010A	5.0~7.5	20%	0.4	20	1.2	15	15	Microstrip	-55~+85	10×10×4
UIYBMC77A	6.0~18.0	Full	1.0	12	1.65	AVG 20W Peak 40W	AVG 20W Peak 40W	Microstrip	+25±5	7×7×3
			1.2	10	1.75				40~+70	
UIYMC77A	7.0~9.5	25%	0.5	20	1.25	15	15	Microstrip	-55~+85	7×7×3.5
UIYBMC66A	8.0~12.0	Full	0.6	16	1.35	10	10	Microstrip	-55~+85	6×6×2.5
UIYMC66A	8.0~18.0	45%	0.5	20	1.25	15	15	Microstrip	-55~+85	6×6×2.5
UIYBMC66B	11.0~18.0	Full	1.0	15	1.45	10	10	Microstrip	-55~+85	6×6×3
UIYMC55B	14.0~23.0	20%	0.5	20	1.25	10	10	Microstrip	-55~+85	5×5×3.5

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYMC44B	18.0~24.0	20%	0.6	17	1.35	2	2	Microstrip	-55~+85	4.5×4.5×3.5
UIYMC44C	22.0~32.0	25%	0.7	17	1.35	2	2	Microstrip	-55~+85	4.5×4.5×3.5
UIYMC33Y	31.0~40.0	22%	1.0	14	1.4	2	2	Microstrip	-55~+85	3.5×3.5×2.5

Dual Junction Circulator

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDMC108A	8.0~12.0	20%	0.5	30	1.25	10	5	Microstrip	-55~+85	10×8×2.5
UIYDMC108B	8.0~12.0	20%	0.5	30	1.25	10	5	Microstrip	-55~+85	10×8×2.5
UIYDMC87A	14.0~18.0	25%	0.45	30	1.25	10	3	Microstrip	-55~+85	8×7×2.5
UIYDMC87B	14.0~18.0	25%	0.45	30	1.25	10	3	Microstrip	-55~+85	8×7×2.5

Dual Junction Circulator – Magnetic Shield

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDMC109A	8.0~12.0	20%	0.45	30	1.25	10	5	Microstrip	-55~+85	10.4×9×4
UIYDMC109B	8.0~12.0	20%	0.45	30	1.25	10	5	Microstrip	-55~+85	10.4×9×4
UIYDMC87C	14.0~18.0	25%	0.45	30	1.25	10	3	Microstrip	-55~+85	8×7×4
UIYDMC87D	14.0~18.0	25%	0.45	30	1.25	10	3	Microstrip	-55~+85	8×7×4

Waveguide Circulator

- Frequency range 5.4 to 110GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Waveguide Circulator

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYWC6880A	5.4~8.0	20%	0.25	25	1.2	100	100	WR137(BJ70)	-40~+85	68.3×80×49.2
UIYWC6060A	7.0~10.0	20%	0.25	25	1.2	100	100	WR112(BJ84)	-40~+85	60×60×48
UIYWC4853B	8.0~12.0	Full	0.5	18	1.3	100	100	WR90(BJ100)	-40~+85	48×53×42
UIYWC4853A	8.0~12.4	30%	0.25	25	1.2	100	100	WR90(BJ100)	-40~+85	48×53×42
UIYWC4444A	10.0~15.0	20%	0.25	25	1.2	100	100	WR75(BJ120)	-40~+85	44.5×44.5×38.1
UIYWC3842A	12.0~18.0	Full	0.4	20	1.3	100	100	WR62(BJ140)	-40~+85	33.3×42×38
UIYWC3838A	12.4~18.0	20%	0.25	25	1.2	100	100	WR62(BJ140)	-40~+85	38×38×33
UIYWC2830A	18.0~26.5	Full	0.3	20	1.25	100	100	WR42(BJ220)	-40~+85	22.4×30×28
UIYWC3030A	19.2~31.0	Full	0.4	18	1.3	10	10	WR34(BJ260)	Room	30×30×22.4
UIYWC3030B	21.7~33.0	15%	0.3	20	1.2	60	60	WR34(BJ260)	-40~+70	30×30×22.4

Model No.	Freq.Range (GHz)	BW Max.	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYWC2230A	22.0~33.0	Full	0.4	18	1.3	60	60	WR34(BJ260)	-40~+70	30×30×22.4
UIYWC2225B	26.0~40.0	15%	0.3	20	1.2	80	80	WR28(BJ320)	-40~+85	25.5×25×25.9
UIYWC2225A	26.5~40.0	Full	0.45	16	1.4	25	25	WR28(BJ320)	-40~+85	25.5×25×25.9
UIYWC1027A	92.0~96.0	Full	0.8	18	1.35	2	2	WR10(BJ900)	-40~+60	10×27×14
UIYWC1924A	92.0~96.0	Full	1.2	14	1.6	2	2	WR10(BJ900)	-40~+60	19.1×24.8×19.1

Band Pass Filter

- Up to 40GHz.
- Military, space and commercial applications.
- Low insertion loss, high rejection, high power handling.
- Custom design available upon request.



Band Pass Filter-Low frequency from 50MHz to 9000MHz

Model No.	Pass Band (MHz)	IL. (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBPF4825C	50~80 (BW 2.5MHz)	1.5	1.5	40dB @DC~31.5MHz 40dB @71.5~2000MHz	5	SMA	-40~+85	48×25×16
UIYBPF269288A	94~95	1.2	1.3	40dB @DC~88MHz 40dB @105 ~ 500MHz	10	N,SMA	-25~+60	269×288×120
UIYBPF4825A	130~700 (BW ~50MHz)	1.5	1.5	40dB @Fc±6.5MHz	30	BNC,N,SMA	-40~+85	48×25×20
UIYBPF250166A	136~200 (BW 2.5MHz)	2.0	1.3	60dB @88~108MHz 40dB @F0±6.5MHz	100	N,SMA	-40~+85	250×166×54
UIYBPF273185A	137~167 (BW 10~27MHz)	1.0	1.3	45dB @Fc±17MHz	20	N,SMA	-20~+55	273×185×100
UIYBPF6020A	149~165	2.0	1.3	60dB @88~108MHz 40dB @225~400MHz	10	N,SMA	-40~+85	60×20×20
UIYBPF338151A	153~162	2.0	1.5	40dB @146.5MHz 40dB @168.5MHz	100	N,SMA	-30~+70	338×151×48
UIYBPF225150A	195~225	0.3	1.22	55dB @DC~ 170MHz 55dB @250~ 1500MHz	100	N,SMA	-40~+85	225×150×85.5
UIYBPF4012A	200~400 (BW 10MHz)	3.0	1.5	20dB @F0±25MHz	2	SMA	-40~+85	40.4×12×10
UIYBPF10673C	220	3.0	1.45	60dB @Fc±10MHz	100	N,SMA	-40~+85	106×73×65
UIYBPF7373A	220~230 (BW ~0.7MHz)	3.5	1.3	60dB @F0±10MHz 35dB @F0±4.3MHz	50	N,SMA,BNC	-40~+85	73×73×50
UIYBPF6030A	225~400	1.5	1.5	40dB @DC- 200 MHz 40dB @500~1000MHz	60	SMA	-30~+70	60×30×20
UIYBPF4825B	225~400	1.5	1.5	40dB @DC- 200 MHz 40dB @500~1000MHz	30	SMA	-40~+85	48×25×16
UIYBPF220115A	240~320 (BW 30MHz)	1.0	1.3	100dB @F0±40MHz	100	N,SMA	-30~+70	220×115×83
UIYBPF183124A	240~380 (BW 20~40MHz)	1.0	1.25	50dB @FC±~25MHz	20	N,SMA	-40~+85	183×124×73

Model No.	Pass Band (MHz)	IL. (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBPF194126A	240~380	2.0	1.38	80dB @170~200MHz 80dB @420~500MHz 50dB @200~220MHz 50dB @400~420MHz 45dB @DC~170MHz	100	N,SMA	-40~+70	194×126×25
UIYBPF205205A	290~320	1.0	1.25	105dB @230~270MHz 105dB @340~380MHz 70dB @DC~230MHz 70dB @380~1650MHz	300	7/16, N	-40~+85	205×205×80
UIYBPF125125A	300~500 (BW ~5MHz)	0.5	1.22	60dB @Fc±20MHz	100	N,SMA	-40~+85	125×125×64
UIYBPF220115B	360~380	1.0	1.3	100dB @DC~340MHz 100dB @400~2000MHz 80dB @2000~2500MHz	100	N,SMA	-40~+70	220×115×63
UIYBPF13587A	380~400 (BW ~5MHz)	2.0	1.3	40dB @Fc±5MHz	50	N,SMA	-20~+60	135×87×68
UIYBPF21696A	380~420	0.7	1.3	45dB @DC~360MHz 45dB @440~1000MHz	100	N,SMA	-40~+85	216×96×42
UIYBPF9393A	380~500 (BW ~8MHz)	2.0	1.3	40dB @F0±8MHz 60dB @88~108MHz	100	N,SMA	-40~+85	93×93×64
UIYBPF10673B	390~470 (BW ~7MHz)	2.0	1.3	60dB @88~108MHz 40dB @F0±8.5MHz	80	N,SMA	-40~+85	106×73×65
UIYBPF100104A	400~438 (BW 3~4MHz)	1.0	1.25	50dB @Fc±20MHz	20	N,SMA	-40~+85	100×104×63
UIYBPF194100A	400~480	1.0	1.25	50dB @DC~375MHz 45dB @505~1500MHz	20	N,SMA	-40~+85	194×100×63
UIYBPF8383B	435~800 (BW 10MHz)	1.0	1.3	60dB @F0±50MHz	100	N,SMA	-40~+85	83×83×58
UIYBPF180120A	450~650 (BW10~150MHz)	1.0	1.3	70dB @Fc±78MHz 50dB @Fc±24MHz	50	N,SMA	-40~+85	180×120×58
UIYBPF17584A	442~448	3.0	1.3	50dB @380~440MHz 50dB @450~500MHz	50	N,SMA	-40~+85	175×84×65
UIYBPF300170A	470~477	2.5	1.3	80dB @DC~460MHz 80dB @480~1000MHz	100	N,SMA	-30~+70	300×170×76
UIYBPF11579A	470~488	2.0	1.5	40dB @F0±25MHz	100	N,SMA	-30~+70	115×79×64
UIYBPF100145A	491.4375~493.6125	5.0	1.3	40dB @488.4375~490.6125MHz	20	N,SMA	-10~+50	100×145×63
UIYBPF9191A	522~524	1.5	1.45	40dB @27~497MHz 40dB @551MHz 65dB @1000~2900MHz 85dB @3200~4000MHz	100	N,SMA	-40~+85	91×91×40
UIYBPF12183A	530~630	1.0	1.3	30dB @490MHz 30dB @670MHz	50	N,SMA,B NC	-40~+85	121×83×47
UIYBPF10673E	563~577	1.5	1.5	60dB @F0±30MHz	50	N,SMA	-40~+85	106×73×58
UIYBPF7373B	600~800 (BW 10MHz)	2.0	1.5	20dB @F0±25MHz	50	N, SMA	-40~+85	73×73×50
UIYBPF110110A	600~900 (BW ~30MHz)	1.2	1.3	50dB @Fc±30MHz	20	N, SMA, BNC	-40~+85	110×110×43
UIYBPF7979A	650~2700 (BW 10~70MHz)	0.5	1.2	85dB @2nd Harmonic 70dB @3rd Harmonic	50	N,SMA	-40~+85	79×79×44
UIYBPF13973A	650~750	0.7	1.4	35dB @Fc±40MHz	100	N,SMA	-40~+85	139×73×50
UIYBPF9393C	686~692	1.0	1.3	50dB @DC~670MHz 50dB @708~3000MHz	50	7/16,N,S MA	-20~+60	93×93×47
UIYBPF12060A	703~894 (BW ~45MHz)	1.5	1.3	20dB @Fc±5MHz 55dB @Fc±43MHz	100	N,SMA	-40~+85	120×60×43

Model No.	Pass Band (MHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBPF10673F	713~748	1.5	1.5	50dB @650~702MHz	100	7/16,N,SMA	-40~+85	106×73×48
UIYBPF278136A	800~1000 (BW ~60MHz)	1.4~2.0	1.25	90dBc @Fc±50MHz 50dBc @Fc±30MHz 25dBc @Fc±10MHz	100	N,SMA,7/16	-20~+55	278×136×50
UIYBPF5454A	863~928 (BW ~13MHz)	1.0	1.22	55dB @Fc±~30MHz	30	N,SMA	-30~+70	54×54×45
UIYBPF6464A	863~928 (IP Grade: IP67)	1.0	1.22	55dB @Fc±~30MHz	30	N,SMA	-30~+70	64×64×43
UIYBPF24696A	870~880	2.0	1.3	100dB @885-960MHz	100	N,SMA	-20~+60	246×96×47
UIYBPF17384A	870~880	2.0	1.3	80dB @885-960MHz	100	N,SMA	-20~+60	173×84×47
UIYBPF10069A	885~889	3.0	1.5	70dB @925~960MHz 40dB @DC~880MHz	100	N,SMA	-40~+85	100×69×43
UIYBPF12365A	900~1100	2.0	1.5	30dB @800MHz 30dB @1200MHz	100	N,SMA	-40~+70	123×65×47
UIYBPF18782A	902.2~927.5	3.5	1.3	50dB @DC~900MHz 50dB @930~3000MHz	50	N,SMA	-20~+65	187×82×47
UIYBPF10068A	952.5~967.5	1.5	1.3	60dB @DC~935MHz 60dB @985~3000MHz	50	N,SMA	-40~+85	100×68×43
UIYBPF12082A	930~952 (BW 4MHz)	2.0	1.3	50dB @Fc±8MHz	100	N,SMA	-40~+85	120×82×43
UIYBPF5539A	940~960	1.5	1.3	30dB @1850~2100MHz	10	N,SMA	-40~+85	55×51×26
UIYBPF12073A	980~1260	0.8	1.3	20dB @DC~950MHz 20dB @1290~3000MHz	20	N,SMA	-40~+85	120×73×36
UIYBPF6565A	1000~1300 (BW 10MHz)	2.0	1.5	20dB @F0±25MHz	50	N, SMA	-40~+85	65×65×37
UIYBPF16768A	1165~1585.65	1.0	1.35	60dB @1622.5~2000MHz 40dB @DC~ 1000MHz	50	N,SMA	-40~+85	167×68×47
UIYBPF10849A	1200~1500	0.5	1.5	80dB @DC~500MHz 80dB @2000~ 3000MHz 50dB @500~1000MHz 50dB @1670~ 2000MHz	25	N,SMA	-40~+70	108.2×49×20
UIYBPF8458A	1200~1800 (BW 50MHz)	1.0	1.3	20dB @F0±65MHz	10	N, SMA	-40~+85	84×58×29.5
UIYBPF11963A	1215~1400	0.8	1.5	65dB @1035MHz 75dB @1570~4000MHz	100	N,SMA	-40~+85	119×63×36
UIYBPF11576A	1290~1340	0.5	1.22	60dB @DC~1250MHz 60dB @1380~2680MHz	100	N,SMA	-30~+70	115×76×43
UIYBPF5959A	1300~1700 (BW 2~10MHz)	1.5	1.35	40dB @F0±25MHz	100	N,SMA	-40~+85	59×59×36
UIYBPF12080A	1350~1400	0.5	1.22	60dB @DC~1310MHz 60dB @1440~2400MHz	10	N,SMA	-40~+85	120×80×44
UIYBPF8366A	1350~1550	1.5	1.45	40dB @800MHz 40dB @1800MHz	100	N,SMA	-40~+85	83×66×14
UIYBPF10060A	1350~1785 (BW ~160MHz)	0.8	1.4	60dB @Fc±107MHz 60dB @2nd&3 rd Harmonic	100	N,SMA	-55~+85	100×60×38
UIYBPF7855A	1350~1785 (BW ~160MHz)	3.0	1.5	40dB @Fc±107MHz	50	SMA	-55~+85	78×55×14
UIYBPF13068A	1380~1520	0.8	1.3	40dB @DC~1350MHz 40dB @1550~3000MHz	100	N,SMA	-40~+85	130×68×43
UIYBPF10673G	1400~2500 (BW ~50MHz)	0.75	1.3	50dB @F0±65MHz	10	N,SMA	-40~+70	106×73×31

Model No.	Pass Band (MHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBPF8383A	1430~1470 (BW 2MHz)	1.5	1.35	35dB @F0±10MHz	10	N,SMA	-40~+85	83×83×36
UIYBPF8550A	1500~3200 (BW 60~4000MHz)	0.6	1.22	60dB @Fc ~40MHz	20	N, SMA	-40~+85	85×50×30
UIYBPF7075A	1556~1577	0.7	1.22	50dB @DC~1000MHz 55dB @1625~1660MHz	50	N, SMA	-55~+85	70×75×43
UIYBPF5030A	1556~1577	1.0	1.4	50dB @DC~1000MHz 55dB @1625~1660MHz	50	N, SMA	-55~+85	50×30×30
UIYBPF8570A	1610~1676	1.2	1.35	40dBc @DC~1000MHz 40dBc @1559~1592MHz 70dBc @1166~1278MHz 70dBc @2480~2502MHz 50dBc @3253~3319MHz 50dBc @4896~4962MHz 50dBc @6539~6605MHz 50dBc @8182~8248MHz 50dBc @9825~9891MHz 50dBc @11468~11534MHz	30	MCX,N,SMA	-45~+85	85×70×25
UIYBPF80115A	1616~1627	2.5	1.3	35dB @DC~1610MHz 35dB @1630~3000MHz	30	N, SMA	-20~+60	80×115×43
UIYBPF125125B	1618.25~1626.5	3.5	1.3	40dB @DC~1616.375MHz 40dB @1628.375~3000MHz	20	N, SMA	-20~+65	125×125×43
UIYBPF6038A	1700~2600	1.0	1.5	40dB @1300MHz&3000MHz 60dB @1000MHz&4000MHz	50	SMA	-40~+85	60×38×14
UIYBPF12565A	1700~2700 (BW ~70MHz)	1.2	1.3	50dB @Fc±~100MHz	20	N,SMA, BNC	-40~+85	125×65×38
UIYBPF8257A	1710~1780	1.5	1.5	40dB @1805~1880MHz	30	N,SMA	-40~+85	82×57×35
UIYBPF9062A	1710~1910 (BW ~105MHz)	0.8	1.5	60dB @Fc±35MHz	30	N,SMA	-40~+85	90×62×35
UIYBPF9090A	1710~1980 (BW ~75MHz)	1.5	1.3	70dB @Fc±20MHz	20	N,SMA	-40~+85	90×90×39
UIYBPF12028A	1800~2200 (BW 400MHz)	0.3	1.3	80dB @DC~1.0GHz 80dB @3.0~8.0GHz 65dB @1.0~1.4GHz 65dB @2.6~3.0GHz	20	N, SMA	-40~+85	120×28×24
UIYBPF12565B	1900~2070	1.0	1.3	40dB @DC~1870MHz 40dB @2100~4000MHz	50	N, SMA	-20~+50	125×65×43
UIYBPF12555A	1920~1980	1.2	1.3	60dB @DC~1900MHz 60dB @2000~3000MHz 50dB @3000~5500MHz IMD3: -150dBc @2x43dBm	100	N, SMA	-10~+55	125×55×39
UIYBPF14560A	1985~2295	1.8	1.3	50dB @DC~1955MHz 30dB @1955~1970MHz 30dB @2120~2135MHz 50dB @2135~4000MHz	20	N, SMA	-30~+70	145×60×32
UIYBPF11620A	2000~2400 (BW ~200MHz)	0.6	1.5	40dB @Fc±200MHz	20	N,SMA	-55~+85	116×20×35
UIYBPF6232A	2000~4000	1.0	1.5	60dB @DC~1100MHz 60dB @4900~7000MHz	2	SMA	-40~+85	62×32×13
UIYBPF7522A	2000 ~ 7000	1.5	1.8	45dB @DC~1.0GHz 45dB @8.0~14.0GHz	10	SMA	-40 ~ +70	75×22×11
UIYBPF7070A	2090~2190	0.6	1.3	30dB @DC~1980MHz 30dB @2300~ 3000MHz	100	N,SMA	-40~+85	70×70×43
UIYBPF12428A	2200~2280	1.0	1.5	35dB @2120MHz 35dB @2360MHz	100	N,SMA	-30~+70	124×28×40

Model No.	Pass Band (MHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBPF9565A	2200~2300	1.0	1.3	40dB @DC~2130MHz 40dB @2370~4000MHz	50	N, SMA	-20~+50	95×65×43
UIYBPF12565C	2290~2365	0.75	1.3	50dB @DC~2240MHz 50dB @2400~4000MHz	50	N, SMA	-40~+70	125×65×34
UIYBPF9149A	2300~2900	1.0	1.25	35dB @2160MHz 35dB @3050MHz	100	N,SMA	-40~+85	91×49×32
UIYBPF8663A	2340~2370	1.0	1.3	70dB @DC~2300MHz 70dB @2410~3000MHz	50	N,SMA	-30~+70	86×63×38
UIYBPF8858A	2400~2485	1.5	1.45	45dB @DC~2350MHz 45dB @2540~5000MHz	50	N,SMA	-55~+85	88×58×28
UIYBPF7250A	2400~2500	2.0	1.5	30dB @2300MHz 30dB @2600MHz	100	N,SMA	-40~+70	72×50×27
UIYBPF15265A	2402~2484	1.5	1.5	80dB @DC~2382MHz 80dB @2504~5000MHz	100	N,SMA	-40~+85	152×65×28
UIYBPF5353A	2495~2505	2.5	1.45	60dB @DC~2000MHz 60dB @3000~7000MHz	50	N,SMA	-40~+85	53×53×24
UIYBPF11890A	2496~2690	1.5	1.3	70dB @DC~2476MHz 70dB @2710~5000MHz	20	N, SMA	-40~+85	118×90×39
UIYBPF15565A	2545~2655	1.5	1.3	60dB @DC~2525MHz 60dB @2675~6000MHz	20	N, SMA	-20~+50	155×65×34
UIYBPF12021A	2700~3100	1.3	1.2	50dB @DC~2600MHz 50dB @3200~6000MHz	5	SMA	-30~+70	120×21×23
UIYBPF4430A	3000~5000	1.5	1.5	60dB @Fc±1500MHz	10	SMA	-40~+85	44×30×12.5
UIYBPF12553A	3000~5000 (BW ~600MHz)	1.2	1.3	50dB @Fc±~200MHz	20	N, SMA, BNC	-40~+85	125×53×33
UIYBPF6032A	3000 ~ 10000	1.5	1.8	50dB @DC~1.5GHz 50dB @11.5~17.0GHz	10	SMA	-40 ~ +70	60×32×11
UIYBPF4341A	3300~3900	1.0	1.45	30dB @DC~2.6GHz 16dB @4.4~6.0GHz 40dB @6.0~9.9GHz	10	SMA	-40~+105	43×41×22
UIYBPF4025A	3300~5000	1.0	1.5	45dB @6600~10000MHz 45dB @DC~2000MHz	50	SMA	-40~+85	40×25×11
UIYBPF8648A	3400~3700	1.0	1.4	50dB @2500~2690MHz 50dB @4420~4960MHz	20	SMA	-20~+60	86×48×32
UIYBPF13065A	3420~3510	2.0	1.45	60dB @DC~3410MHz 60dB @3520~4000MHz 50dB @4000~6000MHz IMD3: -150dBc @2x43dBm	100	N, SMA	-25~+75	130×65×39
UIYBPF6023A	3800~4000	1.5	1.5	40dB @DC~3650MHz 40dB @4150~8000MHz	30	SMA	-40~+85	60×23×10
UIYBPF6535A	4000~7000 (BW ~150MHz)	3.0	1.5	30dB @Fc±50MHz	10	SMA	-40~+85	65×35×16
UIYBPF5026A	4340~4460	3±1	1.5	90dB @2788MHz 60dB @806MHz&3594MHz 50dB @2620.8MHz&4567MHz 30dB @2928MHz&3524MHz 30dB @3095.2MHz&3664MHz 30dB @4092.8MHz&4260MHz	10	SMA	-40~+85	50×26×16.5
UIYBPF6922A	4500~8500	1.5	1.8	30dB @DC~4000MHz 30dB @9000MHz	10	SMA	-40~+85	69×22×12
UIYBPF6143A	4900~5100	2.0	1.5	30dB @4700MHz 30dB @5300MHz	60	SMA	-40~+70	61×43×17
UIYBPF12026A	5000~6500	0.8	1.6	60dB @DC~4.6GHz 60dB @6.9~10GHz	10	SMA	-40~+85	120×26×16

Model No.	Pass Band (MHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBPF9550A	5100~5900	0.5	1.4	40dB @DC~4450MHz 60dB @6200~8000MHz	75	SMA	-40~+85	95×50×28
UIYBPF15065A	5140~5280	0.75	1.3	70dB @DC-5090MHz 70dB @5330-5900MHz	20	SMA, N	-20~+60	150×65×29
UIYBPF6016A	5170~5330	1.8	1.3	50dB @DC~4950MHz 50dB @5520~13000MHz	10	SMA	-20~+60	60×16×15
UIYBPF9016A	5400~5900	1.0	1.5	50dB @DC~5150MHz 50dB @6150~10000MHz	10	SMA	-30~+70	90×16×14
UIYBPF7022A	5670~5885	2.0	1.5	50dB @DC~5500MHz 40dB @6000~6050MHz 50dB @6050~10000MHz	10	SMA	-40~+85	70×22×10
UIYBPF7250B	5700~5850	0.5	1.3	30dB @DC~5500MHz 30dB @6000~10000MHz	20	SMA,N	-40~+70	72×50×28
UIYBPF4922A	6000~9000	1.5	1.5	50dB @Fc±1000MHz	10	SMA	-40~+85	49×22×10.5
UIYBPF5817A	6000 ~ 10000	1.5	1.8	50dB @DC~5.0GHz 50dB @11.0~16.0GHz	10	SMA	-40 ~ +70	58x17.6x10.6
UIYBPF4721A	6500~7500	1.5	1.8	30dB @DC~6000MHz 30dB @8000MHz	10	SMA	-40~+85	47×21×8
UIYBPF4630A	6735~6935	0.8	1.35	330dB @DC~6535MHz 30dB @7135~9000MHz	20	SMA	-30~+65	46×30×20
UIYBPF15547A	7000~9000 (BW 10MHz)	3.0	1.25	6dB @F0±10MHz 16dB @F0±15MHz	50	WR112, N-F	-40~+85	155×47.8×47.8
UIYBPF5620B	7000~9000	1.5	1.8	30dB @DC~6500MHz 30dB @9500MHz	10	SMA	-40~+85	56×20×8
UIYBPF3020B	7170~7270	2.5	1.3	55dB @DC-6500MHz 55dB @7900-9000MHz	2	SMA	-40~+85	30×20×20
UIYBPF10016A	7812~8612	2.5	1.43	40dB @DC~7612MHz 40dB @8812~ 18000MHz	5	SMA	-30~+70	100×16×12
UIYBPF4015A	7000~9000	1.2	1.4	60dB @DC~7240MHz 40dB @8500~18000MHz	5	SMA, TAB	-40~+85	40×15×10

Band Pass Filter- 8.0GHz to 40.0GHz

Model No.	Pass Band (GHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBPF5035A	8.0~10.0 (BW ~200MHz)	0.7	1.5	70dB @F0±300MHz	10	SMA	-40~+85	50×35×13.5
UIYBPF8526A	8.0~12.0	2.0	1.35	20dB @DC~7.5GHz 20dB @12.5~20GHz	10	SMA	-40~+85	85×26×14
UIYBPF6417A	8.0 ~ 12.0	1.5	1.8	60dB @DC~7.0GHz 60dB @13.0~18.0GHz	10	SMA	-40 ~ +70	64.4x17x9
UIYBPF8015A	8.0 ~ 18.0	2.0	2.0	50dB @DC~7.0GHz 50dB @19.5~23.0GHz	10	SMA	-40 ~ +70	80.4x15.5x12
UIYBPF5815A	8.075~8.475	2.0	1.4	60dB @DC~7240MHz 40dB @8800~18000MHz	5	SMA, TAB	-40~+85	58×15×10
UIYBPF8418A	8.2~9.3	1.5	1.5	30dB @8000MHz 30dB @9500MHz	10	SMA	-40~+85	84×18×9
UIYBPF8844A	8.28~8.5	1.0	1.4	70dB @7700MHz & 8100MHz 70dB @8700MHz & 9100MHz	50	SMA	-40~+70	88×44×16.5
UIYBPF6016C	8.5~ 9.5	0.5	1.3	35dB @DC~7.5GHz 35dB @10.5~18.0GHz . 30dB @7.5~8.0GHz 30dB @10.0~10.5GHz .	5	SMA	-30~+70	60×16×12
UIYBPF4213A	8.5 ~ 13.5	1.5	1.8	45dB @DC~5.5GHz 45dB @16.5~19.0GHz	10	SMA	-40 ~ +70	42.6x13x10

Model No.	Pass Band (GHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBPF7419A	9.0~15.0	2.0	1.8	40dB @DC~8.3GHz 40dB @15.7~18.0GHz 25dB @8.3~8.5GHz 25dB @15.5~15.7GHz	2	SMA	-30~+70	74×19×8
UIYBPF5717A	9.0~15.0	1.5	1.8	60dB @DC~7.5GHz 60dB @17.0~20.5GHz	10	SMA	-40 ~ +70	57.8x17x10
UIYBPF7817A	9.5~13.0	2.0	1.8	30dB @9000MHz 30dB @13500MHz	10	SMA	-40~+85	78×17×9
UIYBPF4012B	9.663~10.083	2.0	1.5	60dB @4500~8673MHz 60dB @11073~18000MHz	5	SMA	-40~+85	40×12×12
UIYBPF5313A	9.7.~9.9	1.8	1.5	50dB @DC-9400MHz 50dB @10200-18000MHz	20	TAB, SMA	-40~+85	53×13×10
UIYBPF4815B	10.0 ~ 18.0	1.5	2.0	45dB @DC~7.0GHz 45dB @21.0~24.0GHz	10	SMA	-40 ~ +70	48.2x15x11
UIYBPF6214A	10.0 ~ 20.0	2.0	2.0	50dB @DC~8.5GHz 50dB @22.0~25.0GHz	10	SMA	-40 ~ +70	62.6x14.8x9.2
UIYBPF4517A	11.0~13.0	1.5	1.5	90dB @DC-6GHz 50dB @15~20GHz	20	SMA	-40~+85	45.4×17×9
UIYBPF7016A	12.0~28.5 (BW ~8.5GHz)	1.0	1.22	90dB @Fc±95MHz	5	SMA, 2.92mm	-30~+70	70×16×12
UIYBPF7418A	12.0~18.0	1.5	1.7	60dB @DC~11.0GHz 60dB @19.0~22.0GHz	5	SMA	-30~+70	74×18×7
UIYBPF11033A	12.95~13.05	1.5	1.3	60dB @Fc±200MHz	10	WR62	-40~+85	110×33.3×33.3
UIYBPF7615A	13.5 ~ 17.5	2.5	1.8	50dB @DC~13.0GHz 50dB @18.0~23.0GHz	10	SMA	-40 ~ +70	76.5x15x8
UIYBPF8717A	13.7~14.55	1.5	1.5	30dB @14700MHz 80dB @12800MHz	10	SMA	-40~+85	87×17×9
UIYBPF6817A	13.75~14.5	3.0	1.8	30dB @10000~13600MHz 30dB @14650~20000MHz	5	SMA, TAB	-40~+85	68×17×7.8
UIYBPF6916A	15.0 ~ 18.0	2.0	1.8	40dB @DC~14.5GHz 40dB @18.5~25.0GHz	10	SMA	-40 ~ +70	69.1x16x7.6
UIYBPF4515A	15.0 ~ 19.0	2.0	1.8	70dB @DC~12.0GHz 70dB @22.0~26.0GHz	10	SMA	-40 ~ +70	45.8x15x7.5
UIYBPF4814A	15.0 ~ 20.0	1.5	1.8	70dB @DC~12.0GHz 70dB @23.0~26.0GHz	10	2.92mm	-40 ~ +70	48.8x14.5x7.6
UIYBPF9033A	15.25~15.75	0.8	1.3	30dB @Fc±750MHz	10	WR62	-40~+85	90×33.3×33.3
UIYBPF6016B	15.925~16.075	2.0	1.3	30dB @DC~15750MHz 30dB @16250~25000MHz	10	SMA	-20~+60	60×16×11
UIYBPF4214A	16.0 ~ 20.0	1.5	1.8	70dB @DC~12.0GHz 70dB @24.0~30.0GHz	10	2.92mm	-40 ~ +70	42.8x14x7.5
UIYBPF3414A	17.0 ~ 20.0	1.5	1.8	55dB @DC~13.0GHz 55dB @24.0~36.0GHz	10	2.92mm	-40 ~ +70	34.4x14x7
UIYBPF11022A	17.475~17.525	3.0	1.45	30dB @Fc±50MHz	10	SMA	-40~+85	110×22×11
UIYBPF3714A	18.0 ~ 23.0	2.0	1.8	60dB @DC~14.0GHz 60dB @27.0~40.0GHz	10	2.92mmF	-40 ~ +70	37.9x14x7
UIYBPF4514A	18.0 ~ 32.0	2.0	2.0	40dB @DC~15.8GHz 40dB @35.3~40.0GHz	10	2.92mm	-40 ~ +70	45.5x14x9
UIYBPF4714A	19.0 ~ 24.0	2.0	1.8	65dB @DC~16.0GHz 65dB @27.0~40.0GHz	10	2.92mm	-40 ~ +70	47.3x14x7.2
UIYBPF3314A	20.0 ~ 24.0	2.0	1.8	55dB @DC~15.0GHz 55dB @29.0~38.0GHz	10	2.92mm	-40 ~ +70	33.3x14x7

Model No.	Pass Band (GHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBPF3514A	20.0 ~ 25.0	2.0	1.8	60dB @DC~15.0GHz 60dB @30.0~37.5GHz	10	2.92mm	-40 ~ +70	35x14x7
UIYBPF3514B	23.0 ~ 28.0	2.0	1.8	70dB @DC~16.5GHz 70dB @34.5~40.0GHz	10	2.92mm	-40 ~ +70	35.7x14x7
UIYBPF3414B	24.0 ~ 28.0	2.0	1.8	50dB @DC~19.0GHz 50dB @35.0~40.0GHz	10	2.92mm	-40 ~ +70	34.9x14x7
UIYBPF3514C	24.0 ~ 29.0	2.0	1.8	50dB @DC~19.0GHz 50dB @35.0~40.0GHz	10	2.92mm	-40 ~ +70	35.9x14x7
UIYBPF3213A	24.0 ~ 30.0	2.0	1.8	55dB @DC~18.0GHz 55dB @36.0~40.0GHz	10	2.92mm	-40 ~ +70	32.2x13x6.8
UIYBPF3213B	28.0 ~ 34.0	2.0	1.8	55dB @DC~22.0GHz 55dB @40.0GHz	10	2.92mm	-40 ~ +70	32.1x13x6.6
UIYBPF3013A	29.0 ~ 34.0	2.0	1.8	50dB @DC~23.0GHz 50dB @40.0GHz	10	2.92mm	-40 ~ +70	30.2x13x6.6
UIYBPF3513A	30.0 ~ 33.0	2.0	1.8	55dB @DC~25.0GHz 55dB @38.0~40.0GHz	10	2.92mm	-40 ~ +70	35x13x6.6
UIYBPF3714B	32.0 ~ 36.0	2.5	1.8	60dB @DC~28.0GHz 60dB @40.0~48.0GHz 50dB @48.0~50.0GHz	10	2.92mm	-40 ~ +70	37x14x6.5
UIYBPF5014A	32.0 ~ 38.0	1.35	1.3	80dB @DC~30.35GHz 80dB @39.92~67GHz 50dB @30.35~31GHz 45dB @39~39.92GHz	5	2.92mm	-30 ~ +70	50x14x10
UIYBPF4814B	33.0 ~ 37.0	3.0	2.0	30dB @DC~32.0GHz 30dB @38.0~40.0GHz	10	2.92mm	-40 ~ +70	48.3x14x6.4

Low Pass Filter

- Frequency Range up to 20GHz.
- Military, space and commercial applications.
- Low insertion loss, high rejection, high power handling.
- Custom design available upon request.



Low Pass Filter								
Model No.	Pass Band (MHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYLPF3512A	DC-108	2.0	1.5	40dB @150~2000MHz	10	SMA	-40~+85	35x12x8
UIYLPF9080A	DC-170 850~865	0.5	1.3	45dB @500~2000MHz 45dB @1710~2560MHz 30dB @2560~4500MHz	100	N,SMA	-40~+85	90x80x22
UIYLPF16054A	5~95	1.5	1.4	45dB @105~500MHz	10	SMA,N	-25~+55	160x54x20
UIYLPF4012A	5~285	2.0	1.5	45dB @330~650MHz	5	SMA	-40~+85	40.4x12x10
UIYLPF4825A	DC-400	1.0	1.5	20dB @500~1000MHz	40	SMA	-40~+85	48x25x16
UIYLPF18026A	DC-490	0.5	1.3	45dB @850MHz	100	N,SMA	-40~+85	180x26x20
	DC-500	1.5	1.5	40dB @700~2000MHz	50	N,SMA	-20~+55	
	DC-1500	1.5	1.5	40dB @1700~3000MHz	50	N,SMA	-20~+55	
UIYLPF4520A	DC-894	1.5	1.5	70dB @1760~2668MHz	5	SMA	-40~+85	45x20x12
UIYLPF8863A	DC-900	1.2	1.8	50dB @1.2~2.0GHz	30	SMA	-40~+85	88.5x63x12
UIYLPF19048A	DC-1000	1.5	1.5	50dB @1.4~1.9GHz	30	SMA	-40~+85	190x48x12
UIYLPF15830A	DC-1000	0.55	1.5	40dB @2000~3000MHz	100	SMA,N	-40~+85	158x30x24
UIYLPF9828A	DC-1700	0.55	1.5	40dB @2800~6000MHz	100	SMA, N	-40~+85	98x28x23

Model No.	Pass Band (MHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYLPF6420A	DC-1800	0.2	1.5	20dB @3220~3253MHz 25dB @4830~4879.5MHz 30dB @6440~6506MHz	10	SMA	-40~+85	64×20×16
UIYLPF5038A	DC-2000	0.7	1.8	50dB @2.3~2.4GHz	30	SMA	-40~+85	50×38×12
UIYLPF17227A	DC-2170	1.5	1.5	40dB @2.4~2.5GHz	100	N,SMA	-40~+85	172×27.6×21.6
UIYLPF9426A	DC-2200	0.55	1.5	40dB @4400~6000MHz	100	N,SMA	-40~+85	94×26×21
UIYLPF16525A	DC-2250	1.0	1.8	40dB @2580~8000MHz	100	SMA, N	-30~+70	165.5×25×20
UIYLPF4630A	DC-2300	1.0	1.8	40dB @2700~6000MHz	10	SMA	-40~+85	46×30×12
UIYLPF8132A	DC-2600	1.5	1.8	30dB @3100~15000MHz	10	SMA	-40~+85	81×32×12
UIYLPF8032A	DC-2850	1.5	1.8	45dB @3.2~18.0GHz	5	SMA	-40~+85	80×32×12
UIYLPF4832A	DC-3000	1.0	1.8	50dB @3.5~6.0GHz	30	SMA	-40~+85	48×32×12
UIYLPF9923A	DC-3600	1.0	1.8	45dB @4.3~8.0GHz	100	SMA, N	-30~+70	99.5×23×18
UIYLPF4125A	DC-4000	1.0	1.8	50dB @4.7~8.0GHz	30	SMA	-40~+85	41×25×12
UIYLPF3325A	DC-5000	1.0	1.8	50dB @5.8~10.0GHz 20dB @5.4~5.8GHz 25dB @10.0~13GHz	30	SMA	-40~+85	33×25×12
UIYLPF3322A	DC-7000	1.0	1.8	50dB @8.1~14.0GHz	30	SMA	-40~+85	33×22×12
UIYLPF3022A	DC-8000	1.0	1.8	50dB @9.3~15.0GHz	30	SMA	-40~+85	30×22×12
UIYLPF2522A	DC-9000	1.0	2.0	50dB @12.0~16.0GHz	30	SMA	-40~+85	25×22×12
UIYLPF2522B	DC-10000	1.0	2.0	50dB @12.0~16.0GHz	30	SMA	-40~+85	25×22×12
UIYLPF2419A	DC-12000	1.0	2.0	50dB @14.0~20.0GHz	15	SMA	-40~+85	24×19×10
UIYLPF2319A	DC-13000	1.0	2.0	50dB @15.0~17.0GHz	30	SMA	-40~+85	23×19×12

High Pass Filter

- Up to 20GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



High Pass Filter								
Model No.	Pass Band (GHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYHPF3934A	0.118~0.16	0.9	1.3	25dB @88~108MHz	5	BNC,SMA,N	-40~+85	39×34×20
UIYHPF3525A	0.17~0.5	1.0	1.5	20dB @DC-150MHz	10	BNC,N,SMA	-40~+85	35×25×20
UIYHPF7191A	0.8~4.0	1.2	1.8	60dB @DC-600MHz	50	N,SMA	-30~+70	71×91×22
UIYHPF7043A	1.0~4.0	1.2	1.8	50dB @DC~800MHz	30	SMA	-40~+85	70.5×43×12
UIYHPF5548A	1.5~10.0	1.5	2.0	60dB @DC~1050MHz	10	SMA	-40~+85	55×48×12
UIYHPF3734A	2.0~6.0	1.5	2.0	45dB @DC-1654MHz	30	SMA, N	-40~+85	37×34×20
UIYHPF3733A	2.0~12.0	1.0	1.8	50dB @DC~1.6GHz	30	SMA	-40~+85	37×33×12
UIYHPF4022A	2.0~13.0	1.5	1.8	40dB @DC-934MHz	30	SMA	-40~+85	40×22×11
UIYHPF3818A	2.0~18.0	1.5	2.0	50dB @DC~1.1GHz	10	SMA	-40~+70	38×18×11
UIYHPF3430A	2.39~12.75	1.0	1.8	40dB @DC~1900MHz	10	SMA	-40~+85	34×30×12

Model No.	Pass Band (GHz)	IL (dB)	VSWR	Rejection	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYHPF3433A	3.0~12.0	1.0	1.8	50dB @DC-2.5GHz	30	SMA	-40~+85	34×33×12
UIYHPF3228A	3.0~18.0	1.5	1.8	50dB @DC-2.5GHz	10	SMA	-40~+85	32×28×11
UIYHPF5033A	3.5~9.0	1.0	1.7	40dB @DC~2.5GHz	10	SMA	-40~+85	50×33×11
UIYHPF3025B	3.8~18.0	1.5	2	50dB @0.5-2.9GHz	5	SMA	-40~+85	30×25×11
UIYHPF3025A	4.0~18.0	1.5	2	50dB @DC~2.7GHz	30	SMA	-40~+85	30×25×11
UIYHPF3426A	5.5~16.0	1.2	2	50dB @DC~4.2GHz	30	SMA	-40~+85	34×26×12
UIYHPF3223A	6.0~24.0	1.0	1.5	60dB @DC~5.4GHz	15	SMA	-55~+85	32×23×10
UIYHPF2822A	7.0~18.0	1.2	2	50dB @DC~5.9GHz	30	SMA	-40~+85	28×22×12
UIYHPF2723A	8.0~18.0	1.2	2	50dB @DC~6.8GHz	30	SMA	-40~+85	27×23×12
UIYHPF2825A	10.0~18.0	1.2	2	50dB @DC~8.5GHz	30	SMA	-40~+85	28×25×12

Band Stop Filter

- Band Reject Frequency 440 to 3800MHz.
- Military, space and commercial applications.
- Low insertion loss, high rejection, high power handling.
- Custom design available upon request.



Model No.	Rejection Frequency (MHz)	Pass Band Frequency	Rejection Min(dB)	VSWR	IL (dB)	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBSF323111A	440~452	DC~420MHz 475~1000MHz	35	1.5	1.0	50	SMA,N	-30~+70	323×111×58.5
UIYBSF4012A	460~520	DC~402MHz 578~2000MHz	65	1.8	2.5	2	SMA	-55~+85	40.4×12×10
UIYBSF11060A	462.425	450~456.275MHz 462.8675~467MHz	20	1.45	1.5	50	SMA, N	-40~+80	110×60×63
UIYBSF3525A	616~638	50~576MHz 678~800MHz	40	1.8	2.5	5	SMA, N	-55~+85	35×25×20
UIYBSF280140A	791~821	DC~700MHz 832~2000MHz	40	1.7	1.5	100	SMA, N	-20~+55	280×140×48
UIYBSF25581A	824~849	DC~785MHz 885~1249MHz	40	2.0	1.5	50	SMA	-55~+85	255×81×53
UIYBSF25588A	832~837	DC~822MHz 847~1500MHz	40	2.0	1.5	50	SMA	-55~+85	255×88×53
UIYBSF15867A	868~870	DC~821MHz 925~1200MHz	50	1.3	0.5	50	SMA,N	-30~+70	158×67×43
UIYBSF247100A	870~880	DC~860MHz 885~2500MHz	40	2.0	2.0	100	N, SMA	-20~+65	247×100×50
UIYBSF29567A	930~965	DC~900MHz 995~2200MHz	40	2.0	1.5	50	SMA	-55~+85	295×67×43
UIYBSF165111A	1020~1100	DC~920MHz 1200~2100MHz	45	2.0	1.5	5	SMA	-40~+85	165×111×51
UIYBSF202152A	1025~1035	500-930MHz 1100-3000MHz	40	2.0	2.0	100	SMA	-40~+85	202.2×152.4×41.9
UIYBSF16168A	1258~1278	DC~1208MHz 1328~3000MHz	45	2.0	1.5	50	SMA	-55~+85	161×68×16
UIYBSF14768A	1557~1615	DC~1450MHz 1730~3000MHz	45	2.0	1.5	50	SMA	-55~+85	147×68×16

Model No.	Rejection Frequency (MHz)	Pass Band Frequency	Rejection Min(dB)	VSWR	IL. (dB)	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBSF20960A	1700~1900	DC~1550MHz 2050~4500MHz	40	2.0	1.5	50	SMA,N	-55~+85	209×60×26
UIYBSF31170A	1800~3800 (BW30~2000)	Fc±~30MHz	50	2.0	3.0	50	SMA,N	-20~+65	311.6×70.5×26
UIYBSF12970A	1897~1903	DC~1885MHz 1915~3000MHz	40	2.0	1.5	50	SMA	-55~+85	129×70×18
UIYBSF17957A	2100~2180	DC~2050MHz 2230~5000MHz	40	2.0	1.5	50	SMA,N	-55~+85	179×57×21
UIYBSF12069A	2320~2370	DC~2200MHz 2490~6000MHz	40	2.0	1.5	50	SMA	-55~+85	120×69×16
UIYBSF12255A	2400~2483	DC~2300MHz 2583~5000MHz	40	2.0	1.5	50	SMA	-55~+85	122×55×13
UIYBSF11968A	2487~2497	DC~2455MHz 2530~3000MHz	45	2.0	1.5	50	SMA	-55~+85	119×68×16
UIYBSF12070A	2592~2598	DC~2580MHz 2610~3000MHz	40	2.0	1.5	50	SMA	-55~+85	120×70×18
UIYBSF17235A	3600~3800	DC~3350MHz 4050~7000MHz	50	2.0	1.5	50	SMA	-55~+85	172×35×16

Coaxial Termination

- Frequency range DC-26.5GHz, up to 2000W power.
- Military, space and commercial applications.
- Custom design available upon request.



Model No.	Freq.Range	Power (W)	Connector Type	VSWR	Impedance (Ω)
UIYCT2AS3	DC-3GHz	2	SMA	1.07	50
UIYCT2AS6	DC-6GHz			1.1	
UIYCT2AS8	DC-8GHz			1.15	
UIYCT2AS124	DC-12.4GHz			1.2	
UIYCT2AS18	DC-18GHz			1.3	
UIYCT2AS265	DC-26.5GHz			1.35	
UIYCT2AN3	DC-3GHz	2	N	1.2	50
UIYCT2AN6	DC-6GHz			1.25	
UIYCT2AN124	DC-12.4GHz			1.25	
UIYCT2AN18	DC-18GHz			1.25	
UIYCT2AB3	DC-3GHz	2	BNC	1.2	50
UIYCT2AB6	DC-6GHz			1.25	
UIYCT2AK40	DC-40GHz	2	2.92mm	1.3	50
UIYCT2A2450	DC-50GHz		2.4mm	1.3	
UIYCT2A18567	DC-67GHz		1.85mm	1.45	
UIYCT5AS3	DC-3GHz	5	SMA	1.2	50
UIYCT5AS6	DC-6GHz			1.25	

Model No.	Freq.Range	Power (W)	Connector Type	VSWR	Impedance (Ω)
UIYCT5AS124	DC-12.4GHz	5	SMA	1.25	50
UIYCT5AS18	DC-18GHz			1.3	
UIYCT5AS265	DC-26.5GHz			1.3	
UIYCT5AN3	DC-3GHz	5	N	1.2	50
UIYCT5AN6	DC-6GHz			1.25	
UIYCT5AN124	DC-12.4GHz			1.25	
UIYCT5AN18	DC-18GHz			1.35	
UIYCT10AS3	DC-3GHz	10	SMA	1.2	50
UIYCT10AS6	DC-6GHz			1.25	
UIYCT10AS124	DC-12.4GHz			1.2	
UIYCT10AS18	DC-18GHz			1.25	
UIYCT10AS265	DC-26.5GHz	10	N	1.35	50
UIYCT10AN3	DC-3GHz			1.2	
UIYCT10AN6	DC-6GHz			1.25	
UIYCT10AN8	DC-8GHz			1.25	
UIYCT10AN124	DC-12.4GHz			1.3	
UIYCT10AN18	DC-18GHz			1.35	
UIYCT25AS8	DC-8GHz	25	SMA	1.25	50
UIYCT25AS124	DC-12.4GHz			1.3	
UIYCT25AS18	DC-18GHz			1.35	
UIYCT25AN3	DC-3GHz	25	N	1.2	50
UIYCT25AN6	DC-6GHz			1.25	
UIYCT25AN8	DC-8GHz			1.25	
UIYCT25AN124	DC-12.4GHz			1.3	
UIYCT25AN18	DC-18GHz			1.35	
UIYCT30AS3	DC-3GHz	30	SMA	1.2	50
UIYCT30AS6	DC-6GHz			1.25	
UIYCT30AS124	DC-12.4GHz			1.3	
UIYCT30AS18	DC-18GHz			1.35	
UIYCT30AN3	DC-3GHz	30	N	1.2	50
UIYCT30AN6	DC-6GHz			1.25	
UIYCT50AS3	DC-3GHz	50	SMA	1.2	50
UIYCT50AS6	DC-6GHz			1.25	
UIYCT50AS124	DC-12.4GHz			1.3	
UIYCT50AS18	DC-18GHz			1.35	
UIYCT50AN3	DC-3GHz	50	N	1.2	50
UIYCT50AN6	DC-6GHz			1.25	

Model No.	Freq.Range	Power (W)	Connector Type	VSWR	Impedance (Ω)
UIYCT50AN124	DC-12.4GHz	50	N		50
UIYCT50AN18	DC-18GHz				
UIYCT80AN3	DC-3GHz	80	N	1.2	50
UIYCT80AN6	DC-6GHz			1.25	
UIYCT100AN3	DC-3GHz	100	N	1.2	50
UIYCT100AN6	DC-6GHz			1.25	
UIYCT100AN124	DC-12.4GHz			1.3	
UIYCT100AN18	DC-18GHz			1.4	
UIYCT150AN3	DC-3GHz	150	N	1.2	50
UIYCT150AN6	DC-6GHz			1.25	
UIYCT200AN3	DC-3GHz	200	N	1.2	50
UIYCT200AN6	DC-6GHz			1.25	
UIYCT200AN8	DC-8GHz			1.25	
UIYCT200AN124	DC-12.4GHz			1.35	
UIYCT200AN18	DC-18GHz			1.45	
UIYCT300AN3	DC-3GHz	300	N, 7/16	1.25	50
UIYCT300AN6	DC-6GHz			1.3	
UIYCT300AN8	DC-8GHz			1.25	
UIYCT300AN124	DC-12.4GHz			1.35	
UIYCT300AN18	DC-18GHz			1.45	
UIYCT500AN3	DC-3GHz	500	N, 7/16	1.3	50
UIYCT500AN6	DC-6GHz			1.25	
UIYCT500AN8	DC-8GHz			1.25	
UIYCT500AN124	DC-12.4GHz			1.35	
UIYCT500AN18	DC-18GHz			1.45	
UIYCT1000A	DC-3GHz	1000	7/16	1.25	50
UIYCT1500A	DC-3GHz	1500	7/16	1.25	50
UIYCT2000A	DC-3GHz	2000	7/16	1.3	50

Coaxial Attenuator

- Frequency range DC-26.5GHz, up to 2000W power.
- Military, space and commercial applications.
- Custom design available upon request.



Model No.	Freq.Range	Power (W)	Connector Type	Attenuation Value(dB)	VSWR	Attenuation Tolerance(dB)		
						1 ~ 9	10 ~ 19	20 ~ more
UIYCA2AS3	DC-3GHz	2	SMA	1~60dB	1.15	±0.5	±0.6	±0.8
UIYCA2AS6	DC-6GHz				1.2	±0.5	±0.6	±0.8
UIYCA2AS8	DC-8GHz				1.2	±0.5	±0.6	±0.8
UIYCA2AS124	DC-12.4GHz				1.25	±1.0	±1.0	±1.8
UIYCA2AS18	DC-18GHz				1.35	±0.8	±1.0	±1.5
UIYCA2AN3	DC-3GHz	2	N	1~60dB	1.2	±0.5	±0.6	±0.8
UIYCA2AN6	DC-6GHz				1.25	±0.5	±0.6	±0.8
UIYCA2AN8	DC-8GHz				1.3	±0.5	±0.6	±0.8
UIYCA2AN124	DC-12.4GHz				1.3	±0.5	±0.8	±0.8
UIYCA2AN18	DC-18GHz				1.3	±1.0	±1.2	±1.2
UIYCA2AB3	DC-3GHz	2	BNC	1~40dB	1.2	±0.5	±0.6	±1.0
UIYCA2AB6	DC-6GHz				1.5	±0.7	±0.8	±1.5
UIYCA2AK40	DC-40GHz	2	2.92mm	1~30dB	1.3	±1.0	±1.0	±1.0
UIYCA2A2450	DC-50GHz		2.4mm		1.3	±1.0	±1.0	-1.0/+1.2
UIYCA5AS3	DC-3GHz	5	SMA	1~30dB	1.2	±0.5	±0.6	±0.8
UIYCA5AS6	DC-6GHz				1.3	±0.6	±0.8	±1.5
UIYCA5AS8	DC-8GHz				1.2	±0.6	±0.6	±1.0
UIYCA5AS124	DC-12.4GHz				1.25	±0.6	±0.6	±1.0
UIYCA5AS18	DC-18GHz				1.3	±0.6	±0.6	±1.0
UIYCA5AN3	DC-3GHz	5	N	1~30dB	1.2	±0.5	±0.5	±0.6
UIYCA5AN6	DC-6GHz				1.3	±0.6	±0.8	±1.5
UIYCA5AN8	DC-8GHz				1.3	±0.6	±0.8	±1.0
UIYCA5AN124	DC-12.4GHz				1.35	±0.7	±0.7	±0.7
UIYCA5AN18	DC-18GHz				1.35	±1.0	±1.2	±1.2
UIYCA5AK40	DC-40GHz	5	2.92mm	1~30dB	1.4	±1.0	±1.0	±1.3
UIYCA5A2450	DC-50GHz		2.4mm		1.35	±0.6	±1.2	-1.0/+1.4
UIYCA10AS3	DC-3GHz	10	SMA	1~40dB	1.2	±0.5	±0.6	±0.8
UIYCA10AS6	DC-6GHz				1.3	±0.6	±0.8	±1.5
UIYCA10AS8	DC-8GHz				1.3	±0.6	±0.8	±0.8
UIYCA10AS124	DC-12.4GHz				1.3	±0.6	±0.8	±1.0
UIYCA10AS18	DC-18GHz				1.3	±0.6	±0.8	±1.0
UIYCA10AS265	DC-26.5GHz				1.35	±1.5	±2.0	±2.0

Model No.	Freq.Range	Power (W)	Connector Type	Attenuation Value(dB)	VSWR	Attenuation Tolerance(dB)		
						1 ~9	10 ~ 19	20 ~ more
UIYCA10AN3	DC-3GHz	10	N	1~40dB	1.2	±0.5	±0.6	±0.8
UIYCA10AN6	DC-6GHz				1.3	±0.6	±0.8	±1.5
UIYCA10AN8	DC-8GHz				1.3	±0.6	±0.8	±0.8
UIYCA10AN124	DC-12.4GHz				1.3	±0.8	±0.8	±1.0
UIYCA10AN18	DC-18GHz				1.35	±0.8	±0.8	±1.0
UIYCA10AK40	DC-40GHz	10	2.92mm	3~30dB	1.35	-1.5/+2.5	-1.5/+2.0	-1.5/+2.0
UIYCA10A2450	DC-50GHz		2.4mm		1.55	-1.5/+3.5	-1.5/+3.5	-1.5/+2.5
UIYCA25AS3	DC-3GHz	25	SMA	1~40dB	1.2	±0.5	±0.6	±0.8
UIYCA25AS5	DC-5GHz				1.3	±0.6	±0.8	±1.5
UIYCA25AS8	DC-8GHz				1.3	±0.8	±1.0	±1.2
UIYCA25AS124	DC-12.4GHz				1.4	±0.8	±1.0	±1.5
UIYCA25AS18	DC-18GHz				1.4	±1.0	±1.0	±1.5
UIYCA25AN3	DC-3GHz	25	N	1~30dB	1.2	±0.5	±0.6	±0.8
UIYCA25AN6	DC-6GHz				1.3	±0.6	±0.8	±1.5
UIYCA25AN8	DC-8GHz				1.3	±0.8	±1.0	±1.2
UIYCA25AN124	DC-12.4GHz				1.4	±0.8	±1.0	±1.5
UIYCA25AN18	DC-18GHz				1.4	±1.0	±1.0	±1.5
UIYCA25AK40	DC-40GHz	25	2.92mm	3~30dB	1.35	-1.5/+4.5	-2.0/+4.8	-2.5/+3.0
UIYCA25A2450	DC-50GHz		2.4mm	20~40dB	1.65			-2.5/+3.0
UIYCA30AS3	DC-3GHz	30	SMA	1~40dB	1.2	±0.5	±0.6	±0.8
UIYCA30AS5	DC-5GHz				1.3	±0.6	±0.8	±1.5
UIYCA30AN3	DC-3GHz	30	N	1~40dB	1.2	±0.5	±0.6	±0.8
UIYCA30AN6	DC-6GHz				1.3	±0.6	±0.8	±1.5
UIYCA30AK40	DC-40GHz	30	2.92mm	3~30dB	1.35	-1.5/+4.5	-2.0/+4.8	-2.5/+3.0
UIYCA30A2450	DC-50GHz		2.4mm	20~40dB	1.65			-2.5/+3.0
UIYCA50AS3	DC-3GHz	50	SMA	1~40dB	1.2	±0.5	±0.6	±0.8
UIYCA50AS5	DC-5GHz				1.3	±0.6	±1.0	±1.5
UIYCA50AS124	DC-12.4GHz				1.3	±1.5	±1.3	±1.3
UIYCA50AS18	DC-18GHz				1.35	±1.5	±1.3	±1.3
UIYCA50AN3	DC-3GHz	50	N	1~60dB	1.2	±0.5	±0.6	±0.8
UIYCA50AN6	DC-6GHz				1.3	±0.6	±0.8	±1.5
UIYCA50AN8	DC-8GHz				1.3	±1.0	±1.0	±1.2
UIYCA50AN124	DC-12.4GHz				1.35	±1.2	±1.2	±1.2
UIYCA50AN18	DC-18GHz				1.35	-1.5/+2.5	±1.8	±1.2
UIYCA50AK40	DC-40GHz	50	2.92mm	3~30dB	1.35	-1.5/+4.5	-2.0/+4.8	-2.5/+3.0
UIYCA50A2450	DC-50GHz		2.4mm	20~40dB	1.65			-2.5/+3.0

Model No.	Freq.Range	Power (W)	Connector Type	Attenuation Value(dB)	VSWR	Attenuation Tolerance(dB)		
						1 ~9	10 ~ 19	20 ~ more
UIYCA100AN3	DC-3GHz	100	N	1~60dB	1.2	±0.5	±0.6	±0.8
UIYCA100AN6	DC-6GHz				1.3	±0.6	±0.8	±1.5
UIYCA100AN8	DC-8GHz				1.25	±0.8	±1.0	±1.5
UIYCA100AN124	DC-12.4GHz				1.35	±0.8	±1.0	±1.5
UIYCA100AN18	DC-18GHz				1.4	±0.8	±1.0	±1.5
UIYCA100A35265A	DC-26.5GHz	100	3.5mm	10~40dB	1.45		1.5/+2.5	1.5/+2.5
UIYCA100AK40	DC-40GHz	100	2.92mm	20~40dB	1.45			±4.0
UIYCA150AN3	DC-3GHz	150	N	1~60dB	1.2	±0.6	±0.8	±1.0
UIYCA150AN6	DC-6GHz				1.3	±0.6	±0.8	±1.5
UIYCA200AN3	DC-3GHz	200	N	1~60dB	1.2	±0.6	±0.8	±1.0
UIYCA200AN6	DC-6GHz				1.3	±0.6	±0.8	±1.5
UIYCA200AN8	DC-8GHz				1.25		±0.8	±0.9
UIYCA200AN124	DC-12.4GHz				1.35		±0.9	±1.1
UIYCA200AN18	DC-18GHz				1.45		±2.5	±1.3
UIYCA300AN3	DC-3GHz	300	N, 7/16	5~60dB	1.2	±0.6	±0.8	±1.0
UIYCA300AN6	DC-6GHz				1.35	±0.8	±0.8	±1.5
UIYCA300AN8	DC-8GHz				1.25		±1.5	±0.9
UIYCA300AN124	DC-12.4GHz				1.35		±3.0	±1.1
UIYCA300AN18	DC-18GHz				1.45		±4.0	±1.3
UIYCA500A	DC-3GHz	500	N, 7/16	10~60dB	1.3		±1.0	±1.2
UIYCA500AN6	DC-6GHz	500	N	10~60dB	1.3		±2.0	±1.1
UIYCA500AN8	DC-8GHz				1.3		±2.0	±1.1
UIYCA500AN124	DC-12.4GHz				1.35		±2.0	±1.2
UIYCA500AN18	DC-18GHz				1.5		±5.0	±1.5
UIYCA1000A	DC-3GHz	1000	7/16, N	10~60dB	1.4	±1.5	±2.0	±2.5
UIYCA1500A	DC-3GHz	1500	7/16, N	10~60dB	1.35	±1.5	±2.0	±2.5
UIYCA2000A	DC-3GHz	2000	7/16, N	10~60dB	1.35	±2.8	±2.8	±2.0
UIYCA2000C	DC-4.2GHz	2000	7/16, N	40~60dB	1.4			±2.0

2 Way Power Divider

- Frequency range 5MHz to 40GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



2 Way Power Divider

Model No.	Freq.Range (MHz)	IL (dB)	Isolation (dB)	VSWR Input	VSWR Output	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY2PD2828A	5~1000	0.8	20	1.4	1.25	10	1	SMA	-35~+75	28×28×10
UIY2PD158122A	70~520	0.7	20	1.3	1.3	50	2	N, SMA	-20~+70	158×122×24
UIY2PD9477A	136~520	0.5	18	1.3	1.3	50	2	N, SMA	-40~+85	94.5×77×23.5
UIY2PD116108A	136~960	0.6	22	1.25	1.25	50	2	N, SMA	-40~+85	116.5×108.1×21
UIY2PD63110A	100~2000	1.8	18	1.4	1.3	30	2	SMA	-40~+85	63×110×12
UIY2PD4273A	350~6000	1.8	16	1.5	1.5	25	1	SMA	-55~+85	42×73.5×11.5
UIY2PD3152A	500~6000	0.8	20	1.4	1.3	10	3	SMA	-55~+85	31×52×10
UIY2PD2854A	500~2000	0.5	20	1.3	1.2	30	3	SMA	-55~+85	28×54×10

Model No.	Freq.Range (GHz)	IL (dB)	Isolation (dB)	VSWR Input	VSWR Output	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY2PD26157A	0.5~18.0	1.2	16	1.6	1.5	20	1	SMA	-55~+85	26×157×10
UIY2PD48157A	0.5~18.0	1.5	16	1.6	1.5	20	1	N	-55~+85	48×157×20
UIY2PD8860A	0.698~2.7 0.8~2.5	0.5	20	1.25	1.25	50	2	SMA, N, BNC	-40~+85	88×60×21
UIY2PD2828B	1.0~4.0	0.5	20	1.3	1.3	30	3	SMA	-55~+85	28×28×10
UIY2PD2678A	1.0~26.5	1.5	16	1.8	1.5	20	1	2.92mm	-45~+85	26×78×10
UIY2PD2678B	1.0~40.0	1.8	16	1.8	1.6	20	1	2.92mm	-45~+85	26×78×10
UIY2PD3033A	2.0~8.0	0.7	20	1.3	1.3	30	3	SMA, N	-55~+85	30×33×20
UIY2PD2828D	2.0~8.0	0.7	20	1.3	1.3	30	3	SMA	-55~+85	28×28×10
UIY2PD2844A	2.0~18.0	1.0	18	1.4	1.3	20	1	SMA	-55~+85	28×44×10
UIY2PD2619A	18.0~40.0	1.5	15	1.7	1.6	10	1	2.92mm	-40~+80	26×19×10

3 Way Power Divider

- Frequency range 5MHz to 18GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Model No.	Freq.Range (GHz)	IL (dB)	Isolation (dB)	VSWR Input	VSWR Output	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY3PD4545A	0.005~1.0	3.6	20	1.7	1.6	10	1	SMA	-40~+85	45×45×12
UIY3PD12071B	0.136~0.52	0.5	18	1.4	1.4	50	2	N, SMA	-40~+85	120×71×21
UIY3PD122158A	0.136~0.96	0.9	18	1.3	1.3	50	2	N, SMA	-40~+85	122×158×21
UIY3PD53160A	0.5~6.0	2.6	20	1.4	1.3	20	1	SMA	-40~+85	53×160×12
UIY3PD53160B	0.5~8.0	2.2	18	1.6	1.4	20	1	SMA	-40~+85	53×160×12
UIY3PD12071A	0.698~2.7 0.8~2.5	0.5	19	1.3	1.3	50	2	SMA, N	-40~+85	120×71×21
UIY3PD3766A	2.0~8.0	1.0	18	1.4	1.3	30	3	SMA	-55~+85	37.5×66.5×10
UIY3PD3970A	2.0~18.0	1.0	18	1.4	1.3	10	3	SMA	-55~+85	39×70×10

4 Way Power Divider

- Frequency range 5MHz to 40GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Model No.	Freq.Range (GHz)	IL (dB)	Isolation (dB)	VSWR Input	VSWR Output	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY4PD7240A	0.005~1.0	1.8	20	1.4	1.25	10	1	SMA	-40~+85	72×40×12
UIY4PD120160A	0.1~2.0	1.0	18	1.4	1.3	10	1	SMA	-40~+85	120×160×12
UIY4PD136119A	0.136~0.52	0.6	18	1.35	1.35	50	2	N, SMA	-40~+85	136.4×119×23
UIY4PD220162A	0.136~0.96	1.0	20	1.3	1.3	50	2	N, SMA	-40~+85	220×162×21
UIY4PD62100A	0.5~6.0	1.9	18	1.4	1.35	10	3	SMA	-55~+85	62×100×12

Model No.	Freq.Range (GHz)	IL (dB)	Isolation (dB)	VSWR Input	VSWR Output	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY4PD12071A	0.698~2.7 0.8~2.5	0.5	18	1.3	1.3	50	2	SMA, N	-40~+85	120×71×21
UIY4PD9452A	2.0~8.0	1.2	20	1.4	1.3	30	3	SMA, N	-55~+85	94×52×18
UIY4PD5245A	2.0~8.0	0.8	25	1.25	1.2	30	2	SMA	-55~+85	52×45×10
UIY4PD6857A	2.0~18.0	1.6	18	1.3	1.35	20	1	SMA	-55~+85	68×57×10
UIY4PD5230A	18.0~40.0	1.8	15	1.9	1.6	10	1	2.92mm	-40~+80	52×30×10

8 Way Power Divider

- Frequency range 5MHz to 40GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Model No.	Freq.Range (GHz)	IL (dB)	Isolation (dB)	VSWR Input	VSWR Output	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY8PD12256A	0.005-1.0	2.5	18	1.4	1.3	10	1	SMA	-40~+85	122×56×12
UIY8PD220225A	0.1-2.0	4.0	18	1.4	1.3	30	2	SMA	-40~+85	220×225×11
UIY8PD260159A	0.136~0.52	1.1	18	1.35	1.35	50	2	SMA, N	-40~+85	260×159×21
UIY8PD260159B	0.136~0.96	1.1	18	1.35	1.35	50	2	SMA, N	-40~+85	260×159×21
UIY8PD110140A	0.5~6.0	2.8	18	1.5	1.5	30	3	SMA	-40~+85	110×140×12
UIY8PD130150A	0.5~8.0	4.5	16	1.6	1.5	20	3	SMA	-55~+85	135×150×10
UIY8PD199106A	0.698~2.7 0.8~2.5 0.8~2.7	1.2	16	1.35	1.35	50	2	SMA, N	-40~+85	199×106.2×21.5
UIY8PD10863B	1.0~4.0	1.5	20	1.4	1.3	30	3	SMA	-55~+85	108×63×10
UIY8PD10863D	2.0~8.0	1.8	18	1.4	1.3	30	3	SMA	-55~+85	108×63×10
UIY8PD12960A	2.0~18.0	3.5	15	1.6	1.5	30	3	SMA	-55~+85	129×60×10
UIY8PD10440A	18.0~40.0	3.5	15	1.9	1.8	10	3	2.92mm	-55~+85	104×40×10

16 Way Power Divider

- Frequency range 400MHz to 18GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Model No.	Freq.Range (MHz)	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY16PD235140A	400~4000 500~6000	2.5	18	1.8	10	3	SMA-F	-55~+85	235×140×12
UIY16PD217105A	500~2400	2.3	18	1.5	10	3	SMA-F	-55~+85	217×105×11
UIY16PD22393A	700~3000	2.5	18	1.5	40	3	SMA-F	-55~+85	223×93×12
UIY16PD21759A	5000~6000	1.2	18	1.3	10	1	SMA-F	-55~+85	217×59×14
UIY16PD21380A	2000~8000	3.0	18	1.5	10	3	SMA-F	-55~+85	213×80×10
UIY16PD215120A	2000~18000	5.8	15	2.0	10	3	SMA-F	-55~+85	215×120×10

Duplexer

- Up to 20GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.



Duplexer									
Model No.	Freq.Range (MHz)		IL (dB)	Isolation (dB)	VSWR	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDX7191A	CH1	30~520	0.8	45	1.45	50	N, SMA	- 30~+70	71×91×22
	CH2	698~2700							
UIYDX4053A	CH1	45.5~69.0	3.0	15	1.5	2	BNC, N, SMA	- 30~+70	40×53×20
	CH2	80.0~103.3							
UIYDX14073A	60~800MHz		0.5	80	1.25	100	N, SMA	- 30~+70	140×73×33
	CH1-> CH2 >30MHz								
UIYDX95115A	CH1	136~174	0.8	70	1.45	100	N, SMA	- 40~+70	95×115×25
	CH2	400~470							
UIYDX4450A	CH1	136~174	1.0	70	1.5	5	N, SMA	- 40~+70	44×50×22
	CH2	400~470							
UIYDX5854A	CH1	136~174	1.0	30	1.5	5	N, SMA	- 10~+60	58×54×20
	CH2	400~470							
UIYDX320420A	CH1	145~158	1.0	80	1.3	100	N, SMA	- 40~+85	320×420×100
	CH2	168~180							
UIYDX310219A	140~170MHz		1.5	80	1.3	100	N, SMA	- 30~+70	310×219×156
	CH1-> CH2 ~5MHz								

Model No.	Freq.Range (MHz)		IL. (dB)	Isolation (dB)	VSWR	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDX482192A	148~174MHz		1.8	80	1.3	100	N, SMA	-30~+65	482.6×192×177.6
	CH1-> CH2 ~4.6MHz								
UIYDX148310A	CH1	151.06~154.125	1.0	65	1.35	50	N, SMA	-20~+65	148×310×156
	CH2	158.765~160.09							
UIYDX260190A	CH1	340~380	1.0	80	1.3	10	N, SMA	-40~+75	260×190×65
	CH2	240~270							
UIYDX340210A	CH1	292~318	0.5	95	1.3	400	7/16, N	-25~+55	340×210×82
	CH2	244~270							
UIYDX275200A	CH1	300~320	0.5	75	1.3	400	7/16, N	-25~+55	275×200×85
	CH2	360~380							
UIYDX102200A	CH1	344~351	1.0	50	1.3	10	N, SMA	-40~+85	102×200×65
	CH2	381~396							
UIYDX245165A	CH1	361~366	2.0	80	1.3	80	N, SMA	-30~+60	245×165×85
	CH2	351~356							
UIYDX330114A	CH1	380~386.6	1.5	60	1.3	200	7/16, N	-40~+85	330×114×79
	CH2	390~396.6							
UIYDX136179A	CH1	380~385	2.0	65	1.4	100	N, SMA	-40~+70	136×179×68
		380~395							
	CH2	390~395							
		417~429							
UIYDX19383A	CH1	380~395	1.5	70	1.4	100	N, SMA	-30~+70	193×83×68
	CH2	450~470							
UIYDX185140A	400~470MHz		1.8	80	1.3	100	N, SMA	-30~+70	185×140×73
	CH1-> CH2 ~5MHz								
UIYDX150176A	CH1	426~430	1.5	70	1.3	20	N, SMA	-40~+85	150×176×75
	CH2	412~416							
UIYDX155118A	CH1	436.5~443.5	2.0	65	1.3	100	N, SMA	-30~+70	155×118×65
	CH2	450~453							
UIYDX290120A	CH1	449~452	1.0	65	1.3	50	N, SMA	-40~+85	290×120×49
	CH2	470~485							
UIYDX140110A	CH1	450~530	0.5	80	1.25	100	N, SMA	-55~+70	110×140×49
	CH2	1420~1520							
UIYDX166125A	CH1	455~470	1.0	80	1.3	100	N,SMA	-20~+60	166×125×67
	CH2	405~419							
UIYDX290100A	CH1	467~470	2.5	75	1.3	80	N, SMA	-30~+60	290×100×75
	CH2	461~464							
UIYDX181297A	CH1	491.4375~493.6125	5.0	75	1.3	50	N, SMA	-10~+50	181×297×80
	CH2	488.4375~490.6125							
UIYDX121159A	CH1	450~453	2.0	80	1.2	10	SMA	-30~+70	121×159×64
	CH2	463~466							
UIYDX342174A	CH1	448.2~454.8	1.5	60	1.3	50	N, SMA	-30~+70	342×174×69
	CH2	463.2~469.8							

Model No.	Freq.Range (MHz)		IL. (dB)	Isolation (dB)	VSWR	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDX220122A	CH1	500~510	1.3	80	1.3	100	N, SMA	-40~+85	220×122×69
	CH2	470~490							
UIYDX151151A	600~1000MHz		1.5	75	1.22	100	N, SMA	-30~+70	151×151×44
	CH1-> CH2 ~10MHz								
UIYDX220125A	600~2200MHz		1.5	80	1.3	20	N, SMA	-40~+85	220×125×43
	CH1-> CH2 ~11MHz								
UIYDX170125A	600~2200MHz		1.5	80	1.3	20	N, SMA	-40~+85	170×125×43
	CH1-> CH2 ~13MHz								
UIYDX100160A	CH1	663~698	1.5	60	1.3	20	N, SMA	-30~+70	100×160×47
	CH2	617~652							
UIYDX100200A	650~2700MHz		1.5	70	1.3	30	N, SMA	-40~+80	100×200×47
	CH1-> CH2 ~13MHz								
UIYDX8862A	CH1	840~845	1.0	60	1.3	50	N, SMA	-30~+70	88×62×43
	CH2	1430~1444							
UIYDX185155A	CH1	703~748	1.5	100	1.3	80	N, SMA	-40~+85	185×155×47
	CH2	758~803							
UIYDX15075A	CH1	850~980	0.8	30	1.4	75	N, SMA	-40~+85	150×75×43
	CH2	1150~1610							
UIYDX3526A	CH1	850~960	2.0	55	1.5	2	SMA	-40~+70	35×26×10
	CH2	1700~1900							
UIYDX14065A	CH1	850~960	1.0	80	1.5	100	N, SMA	-40~+70	140×65×47
	CH2	1700~1900							
UIYDX265140A	CH1	921~960	1.6	75	1.22	50	N, SMA	-20~+65	265×140×43
	CH2	876~915							
UIYDX11880A	CH1	1350~1518	1.0	60	1.4	50	N, SMA	-55~+85	118×80×43
	CH2	1625~1785							
UIYDX100120A	CH1	1350~1518	0.5	40	1.4	250	N, SMA	-55~+85	100×120×38
	CH2	1625~1785							
UIYDX12060A	CH1	1406.5~1463.5	1.0	80	1.3	50	N, SMA	-20~+65	120×60×37
	CH2	1651.5~1678.5							
UIYDX200102A	CH1	1521	2.2	80	1.3	50	N, SMA	-20~+65	200×102×43
	CH2	1529							
UIYDX121175A	CH1	1662	3.0	50	1.3	50	N-F	-30~+70	121×175×35
	CH2	1667							
UIYDX102102A	CH1	1710~1785	2.0	60	1.5	100	N, SMA	-30~+70	102×102×29
	CH2	1805~1880							
UIYDX10065A	CH1	1805~1880	2.0	60	1.5	5	N, SMA	-20~+65	100×65×32
	CH2	1710~1785							
UIYDX118118A	CH1	1850~1910	1.5	60	1.5	100	N, SMA	-30~+70	118×118×35
	CH2	1930~1990							
UIYDX10077A	CH1	1920~1990	0.5	75	1.22	60	N, SMA	-40~+85	100×77×38.5
	CH2	2110~2170							

Model No.	Freq.Range (MHz)		IL. (dB)	Isolation (dB)	VSWR	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDX62112A	CH1	1980~2010	1.0	60	1.3	10	N, SMA	-40~+85	62×112×43
	CH2	2170~2200							
UIYDX107107A	CH1	2500~2570	1.5	85	1.22	100	N, SMA	-30~+70	107×107×30
	CH2	2620~2690							
UIYDX9976A	CH1	2110~2170	2.0	60	1.5	100	N, SMA	-40~+70	99×76×27.5
	CH2	2050~2060							
UIYDX12276A	CH1	2620~2695	2.0	60	1.5	100	N, SMA	-40~+70	122×76×27.5
	CH2	2545~2580							
UIYDX10076A	CH1	3100~3200	0.7	70	1.3	100	N, SMA	-30~+70	100×76×32
	CH2	2700~2900							
UIYDX9580A	CH1	5565~5725	1.5	60	1.45	50	N, SMA	-30~+70	95×80×24
	CH2	5350~5510							
UIYDX9580B	CH1	5725~5850	1.5	60	1.45	50	N, SMA	-30~+70	95×80×24
	CH2	5565~5675							
UIYDX18097A	CH1	7424~7544	1.2	70	1.5	20	SMA to WR112	-40~+70	180×97.7×19.5
	CH2	7669~7789							
UIYDX10068A	CH1	7450~7650	3.0	40	1.5	20	SMA	-40~+70	100×68×16
	CH2	7700~7900							
UIYDX6733A	CH1	7450~7900	1.5	70	1.5	20	SMA	-40~+70	67×33×14
	CH2	12750~13250							
UIYDX4382A	CH1	12500~12900	2.5	50	1.5	20	SMA	-40~+70	43×82×11.5
	CH2	13100~13400							
UIYDX18484A	CH1	12751~12863	1.5	70	1.3	20	SMA to WR75	-40~+70	184×82×19.5
	CH2	13017~13129							

Triplexer

- Up to 20GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Model No.	Freq.Range (MHz)		IL. (dB)	Isolation (dB)	VSWR	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYTX100120A	CH1	87 ~ 108	1.5	60	1.3	50	N, SMA	-20~+65	100×120×30
	CH2	351~366							
	CH3	402~416							
UIYTX100140A	CH1	136 ~ 174	0.8	70	1.4	50	N, SMA	-40~+85	100×140×35
	CH2	380~395							
	CH3	450~470							
UIYTX150124A	CH1	330~450	1.2	30	1.4	50	N, SMA	-40~+85	150×124×41
	CH2	850~980							
	CH3	1150~1610							
UIYTX10086A	CH1	850~1000	0.5	30	1.22	100	N, SMA	-30~+70	100×86×43
	CH2	1700~2000							
	CH3	2500~3000							
UIYTX11676A	CH1	1000~1250	0.5	30	1.22	100	N, SMA	-30~+70	116×76×40
	CH2	2000~2500							
	CH3	3000~3750							
UIYTX9072A	CH1	1400~1600	0.5	30	1.22	100	N, SMA	-30~+70	90×72×33
	CH2	2900~3100							
	CH3	4400~4600							
UIYTX120120A	CH1	1710~1735	1.5	50	1.3	50	N, SMA	-30~+70	120×120×38
	CH2	1805~1830							
	CH3	1880~1920							
UIYTX135185A	CH1	1750~1850	0.8	100	1.3	100	N, SMA	-40~+85	135×185×43
	CH2	2025~2120							
	CH3	2200~2300							
UIYTX7667A	CH1	1750~1950	0.5	30	1.22	100	N, SMA	-30~+70	76×67×31
	CH2	3500~3900							
	CH3	5200~5900							
UIYTX7164A	CH1	2100~2300	0.5	30	1.22	100	N, SMA	-30~+70	71×64×27
	CH2	4200~4600							
	CH3	6300~6900							

Model No.	Freq.Range (MHz)		IL. (dB)	Isolation (dB)	VSWR	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYTX7164B	CH1	2400~2600	0.5	30	1.22	100	N, SMA	-30~+70	71×64×27
	CH2	4800~5200							
	CH3	7200~7800							

Tx & Rx Multicoupler

- Up to 20GHz.
- Military, space and commercial applications.
- Low insertion loss,high isolation,high power handling.
- Custom design available upon request.



Transmission & Receiver System

Model No.	Freq. Range (MHz)	Tx to Rx Separation	Channels	Isolation	IL. (dB)	VSWR	Input Power	Receiver Amp	Dimension
UIY4T4RTR3UA	136~174	~4MHz	4 Tx 4 Rx 1 ANT	Tx-Rx 80dB Tx-Tx 70dB ANT-Tx 50dB Rx-Rx 25dB	9.5	1.25	50W/CH	Yes +6dBm±1dBm Adjustable	3U
UIY2T2RTR2UB2C	350~520	~5MHz	2 Tx 2 Rx 1 ANT 1 Tx Coup 1 Rx Coup	Tx-Rx 85dB Tx-Tx 70dB ANT-Tx 50dB Rx-Rx 25dB	5.5	1.2	50W/CH	Yes +5~+15dBm Adjustable	2U
UIY2T2RTR350158A	350~520	~5MHz	2 Tx 2 Rx 1 ANT	Tx-Rx 75dB Tx-Tx 28dB Rx-Rx 28dB	4.8	1.25	50W/CH	No	350×158×88
UIY2T8RTR2UB2C	350~520	~5MHz	2 Tx 8 Rx 1 ANT 1 Tx Coup 1 Rx Coup	Tx-Rx 85dB Tx-Tx 70dB ANT-Tx 50dB Rx-Rx 25dB	5.5	1.2	50W/CH	Yes +5~+15dBm Adjustable	2U
UIY3T3RTR500320A	350~520	~5MHz	3 Tx 3 Rx 1 ANT	Tx-Rx 65dB Tx-Tx 25dB Rx-Rx 25dB	8.5	1.25	50W/CH	No	500×320×100
UIY4T4RTR3UB2C	350~520	~5MHz	4 Tx 4 Rx 1 ANT 1 Tx Coup 1 RX Coup	Tx-Rx 85dB Tx-Tx 70dB ANT-Tx 50dB Rx-Rx 25dB	8.5	1.25	50W/CH	Yes +5~+15dBm Adjustable	3U
UIY4T8RTR3UB2C	350~520	~5MHz	4 Tx 8 Rx 1 ANT 1 Tx Coup 1 RX Coup	Tx-Rx 85dB Tx-Tx 70dB ANT-Tx 50dB Rx-Rx 25dB	8.5	1.25	50W/CH	Yes +5~+15dBm Adjustable	3U

RX Splitter

- Up to 20GHz.
- Military, space and commercial applications.
- Low insertion loss,high isolation,high power handling.
- Custom design available upon request.



RX Splitter

Model No.	Freq. Range (MHz)	BW Max.	Isolation (dB)	VSWR	Channels	Receiver Amplifier	Amplifier Gain	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY2RS1UB	350~520	20%	25	1.2	2 RX 1 ANT	Yes	+5~+15dBm Adjustable	N	-30~+75	483×300×45
UIY4RS1UB	350~520	20%	25	1.2	4 RX 1 ANT	Yes	+5~+15dBm Adjustable	N	-30~+75	483×300×45
UIY6RS1UB	350~520	20%	25	1.2	6 RX 1 ANT	Yes	+5~+12dBm Adjustable	N	-30~+75	483×300×45
UIY8RS1UB	350~520	20%	25	1.2	8 RX 1 ANT	Yes	+5~+10dBm Adjustable	N	-30~+75	483×300×45

Tx Combiner

- Up to 20GHz.
- Military, space and commercial applications.
- Low insertion loss,high isolation,high power handling.
- Custom design available upon request.



Tx Same Band Combiner

Model No.	Freq. Range (MHz)	BW Max.	Channels	IL. (dB)	Isolation (dB)	VSWR	Input Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY2TC1UA	100~200	30%	2 TX 1 ANT	4.5	75	1.2	50	N	-30~+75	483×300×45
UIY4TC1UA	100~200	30%	4 TX 1 ANT	7.5	75	1.2	50	N	-30~+75	483×300×45
UIY6TC1UA	100~200	30%	6 TX 1 ANT	10.5	75	1.2	50	N	-30~+75	483×300×45
UIY8TC1UA	100~200	30%	8 TX 1 ANT	10.5	75	1.2	50	N	-30~+75	483×300×45

Model No.	Freq. Range (MHz)	BW Max.	Channels	IL (dB)	Isolation (dB)	VSWR	Input Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY2TC1UC	175~400	10%	2 TX 1 ANT	4.5	75	1.3	50	N	-30~+75	483×300×45
UIY2TC1UB	350~520	10%	2 TX 1 ANT	3.8	75	1.2	50	N	-30~+75	483×300×45
UIY4TC1UB	350~520	10%	4 TX 1 ANT	7.0	75	1.2	50	N	-30~+75	483×300×45
UIY6TC1UB	350~520	10%	6 TX 1 ANT	9.5	75	1.2	50	N	-30~+75	483×300×45
UIY8TC1UB	350~520	10%	8 TX 1 ANT	10.5	75	1.2	50	N	-30~+75	483×300×45

Tx Notch Combiner

Model No.	Freq. Range (MHz)	Separation	Channels	IL (dB)	Isolation (dB)	VSWR	Input Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY2TC420210B	110~140	250KHz	2 TX 1 ANT	3.4	65dB	1.25	100	N	-10~+65	420×210×850
UIY3TC420410B	110~140	250KHz	3 TX 1 ANT	3.6	65dB	1.25	100	N	-10~+65	420×410×850
UIY4TC420420B	110~140	250KHz	4 TX 1 ANT	3.8	65dB	1.25	100	N	-10~+65	420×420×850
UIY6TC420630B	110~140	250KHz	6 TX 1 ANT	4.6	65dB	1.25	100	N	-10~+65	420×630×850
UIY8TC420844B	110~140	250KHz	8 TX 1 ANT	5.0	65dB	1.25	100	N	-10~+65	420×844×850
UIY2TC420210A	136~174	250KHz	2 TX 1 ANT	3.4	65dB	1.25	100	N	-10~+65	420×210×750
UIY3TC420410A	136~174	250KHz	3 TX 1 ANT	3.6	65dB	1.25	100	N	-10~+65	420×410×750
UIY4TC420420A	136~174	250KHz	4 TX 1 ANT	3.8	65dB	1.25	100	N	-10~+65	420×420×750
UIY6TC420630A	136~174	250KHz	6 TX 1 ANT	4.6	65dB	1.25	100	N	-10~+65	420×630×750
UIY8TC420844A	136~174	250KHz	8 TX 1 ANT	5.0	65dB	1.25	100	N	-10~+65	420×844×750
UIY2TC330170A	330~520	250KHz	2 TX 1 ANT	3.6	65dB	1.25	50	N	-10~+65	330×170×500
UIY3TC330420A	330~520	250KHz	3 TX 1 ANT	3.8	65dB	1.25	50	N	-10~+65	330×420×500

Model No.	Freq. Range (MHz)	Separation	Channels	IL (dB)	Isolation (dB)	VSWR	Input Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY4TC330330A	330~520	250KHz	4 TX 1 ANT	4.0	65dB	1.25	50	N	-10~+65	330×330×500
UIY6TC330500A	330~520	250KHz	6 TX 1 ANT	4.6	65dB	1.25	50	N	-10~+65	330×500×500
UIY8TC330670A	330~520	250KHz	8 TX 1 ANT	5.0	65dB	1.25	50	N	-10~+65	330×670×500

Hybrid Combiner

- Frequency Range 70 to 3800MHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Model No.	Freq. Range (MHz)	Channels	BW Max.	IL (dB)	Isolation (dB)	VSWR	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIY2T1HC422165A	70~174	2 to 1	Full	0.5	25	1.4	200	N, SMA	-30~+60	422×165×81
UIY2T2HC28050A	70~174	2 to 2	Full	0.5	22	1.2	200	N, SMA	-30~+60	280×50×23
UIY2T1HC16445A	136~174	2 to 1	Full	0.3	28	1.15	200	N, SMA	-40~+85	164×45×50
UIY3T1HC30480A	136~174	3 to 1	Full	0.9	20	1.3	200	N, SMA	-40~+85	304×80×50
UIY4T1HC30480A	136~174	4 to 1	Full	0.8	25	1.2	200	N, SMA	-40~+85	304×80×50
UIY2T1HC22040A	175~400	2 to 1	60%	0.8	23	1.3	200	N, SMA	-20~+70	220×40×45
UIY2T2HC23040A	175~400	2 to 2	60%	0.8	23	1.3	200	N, SMA	-20~+70	230×40×26.5
UIY4T2HC26280B	350~470	4 to 2	16%	0.6	25	1.25	200	N, SMA	-40~+85	262×80×50
UIY2T1HC13437A	350~520	2 to 1	Full	0.5	26	1.2	200	N, SMA	-40~+85	144×37.2×58
UIY2T2HC14844A	350~520	2 to 2	Full	0.5	25	1.2	200	N, SMA	-40~+85	148×44×23
UIY4T1HC30570A	350~520	4 to 1	Full	0.4	25	1.2	200	N, SMA	-40~+85	305×70×50
UIY8T1HC440120A	350~520	8 to 1	Full	0.8	25	1.2	400	N, SMA	-40~+85	440×120×50
UIY3T1HC30480B	400~470	3 to 1	Full	0.7	23	1.3	200	N, SMA	-40~+85	304×80×50
UIY2T1HC14244A	698~2700	2 to 1	Full	0.5	23	1.25	200	N, SMA	-40~+85	142×44×45
UIY2T2HC14844B	698~2700	2 to 2	Full	0.5	23	1.25	200	N, SMA	-40~+85	148×44×23

Directional Coupler

- Frequency range 136MHz to 18GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Directional Coupler

Model No.	Freq.Range (GHz)	Nominal Coupling (dB)	Flatness (dB)	IL. (dB)	Directivity (dB)	VSWR	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDCP14337B	0.136~0.174	5~40	±1.0	0.2	20	1.25	200	N	-20~+70	143×37×20
UIYDCP14337A	0.35~0.52	5~40	±1.0	0.2	20	1.25	200	N	-20~+70	143×37×20
UIYDCP22440A	0.35~2.7	5~40	±2.0	0.2	18	1.3	200	N	-35~+65	224.4×40×16.5
UIYDCP12815A	0.4~0.5	10~30	±0.7	0.5	18	1.25	50	SMA	-55~+85	128×15×11
UIYDCP13315A	0.5~2.5	10~30	±0.7	0.5	18	1.25	50	SMA	-55~+85	133×15×11
UIYDCP18044A	0.5~3.0	5~30	±1.0	0.24	18	1.3	300	N	-40~+80	180×44×21
UIYDCP12040A	0.698~2.7	5~40	±2.0	0.2	19	1.25	200	N	-20~+70	120×40×17.5
UIYDCP8515A	0.8~2.5	10~30	±0.7	0.5	18	1.25	50	SMA	-55~+85	85×15×11
UIYDDCP21424A	0.8~3.6 Dual	7~10	±1.3	3.5	15	1.5	10	N, SMA	-40~+70	214×24×20
UIYDCP7315A	1.0~4.0	10~30	±0.7	0.5	18	1.25	50	SMA	-55~+85	73×15×11
UIYDCP8220A	1.0~4.0	6~30	±0.7	0.5	18	1.3	50	N	-55~+85	82×20×20

Model No.	Freq.Range (GHz)	Nominal Coupling (dB)	Flatness (dB)	IL. (dB)	Directivity (dB)	VSWR	Power (W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYDDCP7448A	1.4~2.0 Dual	30	±0.7	0.5	18	1.3	120	N, SMA	-40~+85	74×48×20
UIYDCP4315A	2.0~8.0	6~30	±0.7	0.5	18	1.25	50	SMA	-55~+85	43×15×11
UIYDCP4315D	2.5~5.2	10~30	±0.8	0.4	20	1.3	40	SMA	-55~+85	43×15×11
UIYDDCP5555A	3.0~4.0 Dual	50	±1.0	0.4	10	1.3	300	N	-40~+85	55×55×20
UIYDDCP10025A	3.0~6.0 Dual	10~30	±1.0	1.0	18	1.3	100	SMA, N	-55~+85	100×25×19
UIYDCP4315C	4.0~12.4	10~30	±0.8	0.5	15	1.35	20	SMA	-55~+85	43×15×11
UIYDCP5525A	2.0~8.0	6~30	±1.0	1.0	16	1.5	50	N	-55~+85	55×25×23
UIYDCP4315E	6.0~18.0	10~30	±1.0	1.0	12	1.5	30	SMA	-55~+85	43×15×11
UIYDCP3315A	8.0~18.0	10~30	±0.7	0.8	10	1.5	50	SMA	-55~+85	33×15×11
UIYWCP10056A	9.0~10.0	6~50	±0.7	0.2	15	1.1	5000	WR90 (BJ100)	-55~+70	100×41.3×56.8

Waveguide to Coaxial Adapter

- Frequency range 0.32 to 112GHz.
- Military, space and commercial applications.
- Low insertion loss, high isolation, high power handling.
- Custom design available upon request.



Right Angle 90° Waveguide to Coaxial Adapter

Model No.	Freq.Range (GHz)	IL (dB)	VSWR	Connector Type (Waveguide)	Connector Type (Coaxial)	CW Power (W)	Peak Power (KW)	Temp. (°C)
UIYWTCWR2300A	0.32~0.49	0.12	1.25	WR2300(BJ3)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR2100A	0.35~0.53	0.12	1.25	WR2100(BJ4)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR1800A	0.41~0.62	0.2	1.25	WR1800(BJ5)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR1500A	0.49~0.75	0.12	1.25	WR1500(BJ6)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR1150A	0.64~0.96	0.12	1.25	WR1150(BJ8)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR975A	0.75~1.12	0.12	1.25	WR975(BJ9)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR770A	0.96~1.45	0.12	1.2	WR770(BJ12)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR650A	1.13~1.73	0.2	1.2	WR650(BJ14)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR510A	1.45~2.20	0.2	1.2	WR510(BJ18)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR430A	1.72~2.61	0.2	1.2	WR430(BJ22)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR340A	2.17~3.30	0.2	1.15	WR340(BJ26)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR284A	2.6~3.95	0.15	1.15	WR284(BJ32)	N, SMA, 7/16	300	3	-55~+85
UIYWTCWR229A	3.22~4.90	0.15	1.15	WR229(BJ40)	N, SMA	100	3	-55~+85
UIYWTCWR187A	3.94~5.99	0.15	1.15	WR187(BJ48)	N, SMA	100	3	-55~+85
UIYWTCWR159A	4.64~7.05	0.2	1.15	WR159(BJ58)	N, SMA	100	3	-55~+85
UIYWTCWR137A	5.38~8.17	0.15	1.15	WR137(BJ70)	N, SMA	100	3	-55~+85
UIYWTCWR112A	6.57~9.99	0.2	1.15	WR112(BJ84)	N, SMA	50	3	-55~+85
UIYWTCWR90A	8.2~12.5	0.2	1.15	WR90(BJ100)	N, SMA	50	1	-55~+85
UIYWTCWR75A	9.84~15.0	0.2	1.15	WR75(BJ120)	SMA	50	1	-55~+85
UIYWTCWR62A	11.9~18.0	0.2	1.15	WR62(BJ140)	SMA	50	1	-55~+85
UIYWTCWR51A	14.5~22.0	0.25	1.2	WR51(BJ180)	SMA, 2.92mm	50	1	-55~+85

Model No.	Freq.Range (GHz)	IL. (dB)	VSWR	Connector Type (Waveguide)	Connector Type (Coaxial)	CW Power (W)	Peak Power (KW)	Temp. (°C)
UIYWTCWR42A	18.0~26.5	0.25	1.2	WR42(BJ220)	SMA,2.92mm	50	1	-55~+85
UIYWTCWR34A	21.7~33.0	0.25	1.2	WR34(BJ260)	2.92mm	3	0.1	-55~+85
UIYWTCWR28A	26.5~40.0	0.25	1.25	WR28(BJ320)	2.92mm,2.4mm	3	0.1	-55~+85
UIYWTCWR22A	33.0~50.0	0.4	1.25	WR22(BJ400)	2.4mm	3	0.1	-55~+85
UIYWTCWR19A	40.0~60.0	1.0	1.8	WR19(BJ500)	1.85mm	3	0.1	-55~+85
UIYWTCWR15A	49.8~75.5	1.0	2.0	WR15(BJ620)	1.85mm	3	0.1	-55~+85
UIYWTCWR12A	60.0~90.0	1.2	1.6	WR12(BJ740)	1.0mm	3	0.1	-55~+85
UIYWTCWR10A	75.0~110.0	1.2	1.6	WR10(BJ900)	1.0mm	3	0.1	-55~+85

End Launch 180° Waveguide to Coaxial Adapter

Model No.	Freq.Range (GHz)	IL. (dB)	VSWR	Connector Type (Waveguide)	Connector Type (Coaxial)	CW Power (W)	Peak Power (KW)	Temp. (°C)
UIYWTCWR340E	2.17~3.30	0.2	1.25	WR340(BJ26)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR284E	2.6~3.95	0.2	1.25	WR284(BJ32)	N, SMA, 7/16	100	3	-55~+85
UIYWTCWR284F	2.6~3.95	0.2	1.25	WR284(BJ32)	N, 7/16	300	3	-55~+85
UIYWTCWR187E	3.94~5.99	0.3	1.25	WR187(BJ48)	N, SMA	100	3	-55~+85
UIYWTCWR159E	4.64~7.05	0.3	1.25	WR159(BJ58)	N, SMA	100	3	-55~+85
UIYWTCWR137E	5.38~8.17	0.3	1.25	WR137(BJ70)	N, SMA	100	3	-55~+85
UIYWTCWR112E	6.57~9.99	0.3	1.25	WR112(BJ84)	N, SMA	50	3	-55~+85
UIYWTCWR90E	8.2~12.5	0.3	1.25	WR90(BJ100)	N, SMA	50	1	-55~+85
UIYWTCWR75E	9.84~15.0	0.3	1.25	WR75(BJ120)	SMA	50	1	-55~+85
UIYWTCWR62E	11.9~18.0	0.3	1.25	WR62(BJ140)	SMA	50	1	-55~+85
UIYWTCWR51E	14.5~22.0	0.3	1.3	WR51(BJ180)	SMA,2.92mm	50	1	-55~+85
UIYWTCWR42E	18.0~26.5	0.25	1.25	WR42(BJ220)	SMA,2.92mm	50	1	-55~+85
UIYWTCWR34E	21.7~33.0	0.25	1.2	WR34(BJ260)	2.92mm	3	0.1	-55~+85
UIYWTCWR28E	26.5~40.0	0.25	1.25	WR28(BJ320)	2.92mm,2.4mm	3	0.1	-55~+85
UIYWTCWR22E	33.0~50.0	0.5	1.6	WR22(BJ400)	2.4mm	3	0.1	-55~+85
UIYWTCWR19E	40.0~60.0	1.0	1.8	WR19(BJ500)	1.85mm	3	0.1	-55~+85
UIYWTCWR15E	49.8~67.0	0.6	1.8	WR15(BJ620)	1.85mm	3	0.1	-55~+85

Model No.	Freq.Range (GHz)	IL. (dB)	VSWR	Connector Type (Waveguide)	Connector Type (Coaxial)	CW Power (W)	Peak Power (KW)	Temp. (°C)
UIYWTCWR15F	50.0~75.0	0.6	1.5	WR15(BJ620)	1.0mm	3	0.1	-55~+85
UIYWTCWR12E	60.0~90.0	0.5	1.5	WR12(BJ740)	1.0mm	3	0.1	-55~+85
UIYWTCWR10E	73.8~112.0	1.5	1.8	WR10(BJ900)	1.0mm	3	0.1	-55~+85

Contact UIY

Address: No. 8, Lane 1, Xintun East Zone, Longgang District, Shenzhen 518172, China.

Tel: +86-755-83748888

+86-755-25999990

+86-755-25999909

+86-755-25999929

Fax: +86-755-25999959

E-mail: sales@uiyinc.com sales@uiy.com.cn

Website: www.uiyinc.com www.uiyinc.com.cn

Thanks for your kind attention, welcome contact us!

We wish you successful business and happy life!