



Broadband Circulator

- Frequency Range 56MHz to 18GHz, up to 300W Power.
- Military, Space and Commercial Applications.
- Low insertion loss, High isolation, High power handling.
- Custom Design Available Upon Request.



Coaxial type form 56MHz to 18GHz

Model No.	Freq.Range (MHz)	BW	IL. (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBCC6466B	56~86	Full	1.5	16	1.4	60	60	N, SMA	+10~+60	64×66×22
UIYBCC6060A	68~88	Full	1.3	18	1.3	100	100	N, SMA	-10~+65	60×60×26
UIYBCC6060B	88~108	Full	0.65	20	1.25	100	100	N, SMA	-20~+70	60×60×26
UIYBCC6060C	130~180	Full	0.8	18	1.3	100	100	N, SMA	-20~+70	60×60×26
UIYBCC6060D	136~174	Full	0.65	20	1.25	100	100	N, SMA	-20~+70	60×60×26
UIYBCC3538A	380~460	Full	0.5	18	1.3	300	300	N, SMA	-30~+70	35×38×15
UIYBCC3538B	400~470	Full	0.5	20	1.25	300	300	N, SMA	-30~+70	35×38×15
UIYBCC3538C	600~800	Full	0.4	18	1.3	300	300	N, SMA	-30~+70	35×38×15
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
UIYBCC3232A	960~1215	Full	0.4	20	1.25	200	200	N, SMA	-30~+70	32×32×18
Model No.	Freq.Range (GHz)	BW	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	13	1.6	300	300	N, SMA	+10~+70	72×72×27.4
UIYBCC6466A	1.0~2.0	Full	0.6	17	1.4	100	100	N, SMA	+10~+70	64×66×26
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	18	1.3	200	200	N, SMA	-20~+65	34×34×22
UIYBCC5049A	1.35~2.7	Full	0.7	16	1.35	200	200	N, SMA	0~+70	50.8×49.5×19
UIYBCC5049B	1.5~3.0	Full	0.7	16	1.35	200	200	N, SMA	0~+70	50.8×49.5×19
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	200	200	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
UIYBCC3234A	2.0~4.0	Full	0.6	18	1.3	100	100	N, SMA	+10~+70	32×34×21
UIYBCC2528A	3.0~6.0	Full	0.5	18	1.3	100	100	N, SMA	-20~+70	25.4×28×14
UIYBCC2122A	4.0~8.0	Full	0.5	18	1.3	100	100	N, SMA	-30~+70	21×22.5×15

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UIYBCC1920A	6.0~18.0	Full	1.5	11	1.8	60	60	SMA	-30~+70	19×20.3×14
UIYBCC1319A	8.0~12.0	Full	0.5	18	1.3	60	60	SMA	-30~+70	13×19×12.7
UIYBCC1920B	8.0~18.0	Full	0.8	14	1.5	60	60	SMA	-30~+70	19×20.3×14
UIYBCC1215A	12.0~18.0	Full	0.6	18	1.35	50	50	SMA	-30~+70	12×15×10

Drop in type form 56MHz to 18GHz

Model No.	Freq.Range (MHz)	BW	IL (dB)	Isolation (dB)	VSWR	Forward Power(W)	Reverse Power(W)	Connector Type	Temp. (°C)	Dimension LxWxH(mm)
UIYBDC6466B	56~86	Full	1.5	16	1.4	60	60	TAB	+10~+60	64×66×22
UIYBDC6060A	68~88	Full	1.3	18	1.3	100	100	TAB	-10~+65	60×60×26
UIYBDC6060B	88~108	Full	0.65	20	1.25	100	100	TAB	-20~+70	60×60×26
UIYBDC6060C	130~180	Full	0.8	18	1.3	100	100	TAB	-20~+70	60×60×26
UIYBDC6060D	136~174	Full	0.65	20	1.25	100	100	TAB	-20~+70	60×60×26
UIYBDC3538A	380~460	Full	0.5	18	1.3	300	300	TAB	-30~+70	35×38×11
UIYBDC3538B	400~470	Full	0.5	20	1.25	300	300	TAB	-30~+70	35×38×11
UIYBDC3538C	600~800	Full	0.4	18	1.3	300	300	TAB	-30~+70	35×38×11
UIYBDC3232A	700~900	Full	0.5	20	1.2	250	250	TAB	-30~+70	32×32×11
UIYBDC2525A	800~1000	Full	0.6	18	1.3	200	200	TAB	-30~+70	25.4×25.4×10.5
UIYBDC2525B	960~1215	Full	0.5	20	1.25	200	200	TAB	-30~+70	25.4×25.4×10.5
Model No.	Freq.Range (GHz)	BW	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	13	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
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	0.7	16	1.35	200	200	TAB	0~+70	50.8×49.5×19
UIYBDC5049B	1.5~3.0	Full	0.7	16	1.35	200	200	TAB	0~+70	50.8×49.5×19
UIYBDC2525C	1.8~2.0	Full	0.4	20	1.25	200	200	TAB	-30~+70	25.4×25.4×10.5
UIYBDC4040A	1.7~3.5	Full	0.7	17	1.4	200	200	TAB	0~+70	40×40×20
UIYBDC3234A	2.0~4.0	Full	0.6	18	1.3	100	100	TAB	+10~+70	32×34×21
UIYBDC2528A	3.0~6.0	Full	0.5	18	1.3	100	100	TAB	-20~+70	25.4×28×14
UIYBDC2122A	4.0~8.0	Full	0.5	18	1.3	100	100	TAB	-30~+70	21×22.5×15
UIYBDC1920A	6.0~18.0	Full	1.5	11	1.8	60	60	TAB	-30~+70	19×20.3×14
UIYBDC1317A	8.0~12.0	Full	0.5	18	1.3	30	30	TAB	-30~+70	13×17×9
UIYBDC1920B	8.0~18.0	Full	0.8	14	1.5	60	60	TAB	-30~+70	19×20.3×14
UIYBDC1215A	12.0~18.0	Full	0.6	18	1.35	30	30	TAB	-30~+70	12×15×8.6