

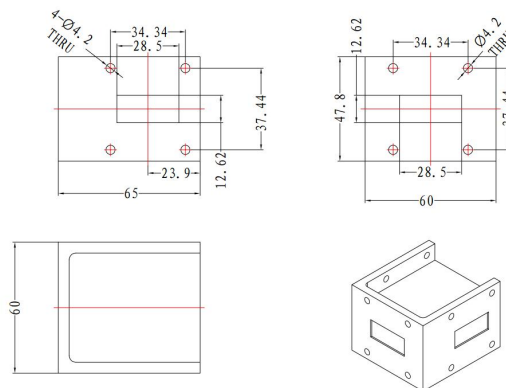
Waveguide Circulators

P/N: ECW007A001A0

【Features】

- ❖ Compact Size
- ❖ High isolation
- ❖ Low Insertion Loss
- ❖ Wide temperature stability

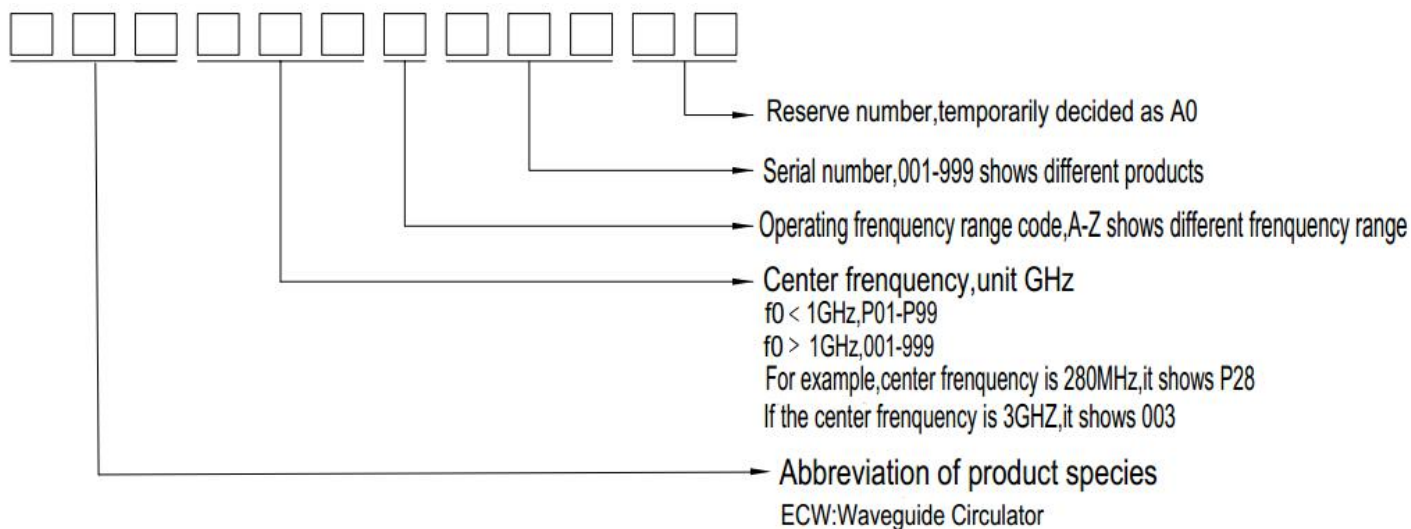
Outline Drawing



【Specifications】

Model No.	ECW007A001A0
Waveguide Type	WR112/R84
Frequency Range	7.1-7.9GHz
Insertion Loss	0.30 dB.
Isolation	25 dB.
VSWR	1.20
Power Handling	100W
Operating Temp.	- 40~ + 80℃

【Model Number Description】





Model No.	Frequency Range GHz	Band Width MHz	Insertion Loss dB.Max	Isolation dB.Min	VSWR Max	Operating Temp. ℃	Waveguide Type	Size L*W*H mm
ECW008A001A0	7.7-8.4	full	0.3	25	1.15	-40~+80	WR112	60*65*47.8
ECW010A00XA0	8-12.4	100	0.2	35	1.10	-40~+80	WR90	27*46.5*42
		500	0.3	25	1.15			
ECW010A00XA1	8-12.4	1000	0.3	23	1.15	-40~+80	WR90	48*53*42
ECW010A00XA2	8-12.4	1000	0.3	23	1.20	-40~+80	WR90 With sealing groove	60*70*40.4
ECW013A00XA0	10-15	300	0.2	28	1.10	-40~+80	WR75	42*48*38
		1000	0.3	25	1.15			
ECW015A00XA0	12-18	500	0.3	25	1.15	-40~+80	WR62	40*40*33.3
		1000	0.4	23	1.20			
ECW018A00XA0	14.5-22	1000	0.3	23	1.20	-40~+80	WR51	32*35*30.2
ECW022A00XA0	17.6-26.7	2000	0.4	20	1.25	-40~+80	WR42	22.2*31.75*22.4
ECW022A00XA1	17.6-26.7	1000	0.3	23	1.20	-40~+80	WR42	24*27*22.4
		2000	0.4	20	1.25			
ECW023A00XA0	18.5-26.5	1000	0.3	23	1.20	-40~+80	WR42	25.4*27*22.4
		2000	0.4	20	1.25			
ECW027A00XA0	21.7-33.0	1000	0.3	23	1.20	-40~+80	WR34	22.3*27*21.2
ECW033A00XA0	26.5-40	500	0.3	25	1.15	-40~+80	WR28	21*24*19.1
		1000	0.3	23	1.20			
		3000	0.5	18	1.30			
ECW033A00XA1	26.5-40	1000	0.3	20	1.25	-40~+80	WR28	8*16*23
ECW033A00XA2	26.5-40	500	0.3	25	1.15	-40~+80	WR28	10*24.5*19.1
		1000	0.3	20	1.25			
ECW033A00XA3	26.5-40	500	0.3	25	1.15	-40~+80	WR28	10*24.5*32
		1000	0.3	20	1.25			
ECW033A00XA4	26.5-40	1000	0.3	23	1.20	-40~+80	WR28	15*25.4*19.1
ECW033A00XA5	26.5-40	3000	0.5	18	1.30	-40~+80	WR28	20*26*19.1



Model No.	Frequency Range GHz	Band Width MHz	Insertion Loss dB.Max	Isolation dB.Min	VSWR Max	Operating Temp. ℃	Waveguide Type	Size L*W*H mm
ECW042A00XA0	32.9-50.1	1000	0.6	23	1.20	-40~+80	WR22	19*20*19.1
		2000	0.6	20	1.25			
ECW050A00XA0	39.2-59.6	1000	0.6	23	1.20	-40~+80	WR18	10*24.5*19.1
		2000	0.6	20	1.25			
ECW050A00XA1	39.2-59.6	1000	0.6	23	1.20	-40~+80	WR18	19*19*19.1
		2000	0.6	20	1.25			
ECW092A00XA0	84-100	1000	0.6	23	1.20	-40~+80	WR10	10*25*19.1
		2000	0.6	18	1.30			
ECW018A001A0	17.7-19.7	full	0.6	20	1.30	-35~+85	WR42	31.7*33*22.2
ECW023A001A0	21.2-23.6							
ECW034A001A0	33.75-34.75	full	0.6	50	1.20	-60~+80	WR28	30*62*20
ECW033A00XA6	26.5-40	1000	0.3	23	1.20	-40~+80	WR28	10*30.2*9.9
		2000	0.4	20	1.25			
ECW033A00XA7	26.5-40	1000	0.3	23	1.20	-40~+80	WR28	18*39.1*19.1
		2000	0.4	20	1.25			

Note: 1, X shows different product in model, A0, A1, A2 etc. are used to make a distinction between products with same frequency range.

2, All the above are technical indexes at normal temperature.

3, Above devices can be dedicated to the design according to customers' needs.

4, If you have other requirements or the table does not list of technical parameters, please contact us.