

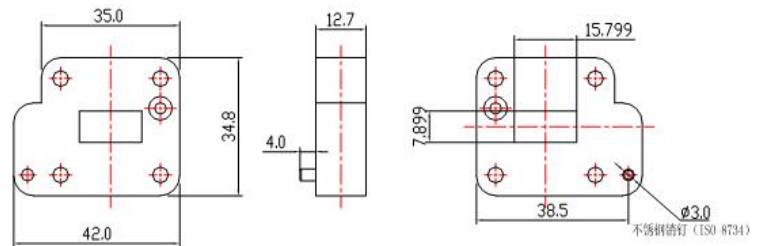
# Waveguide Isolators

P/N: EIW015A003A0

Outline Drawing (mm)

## 【Features】

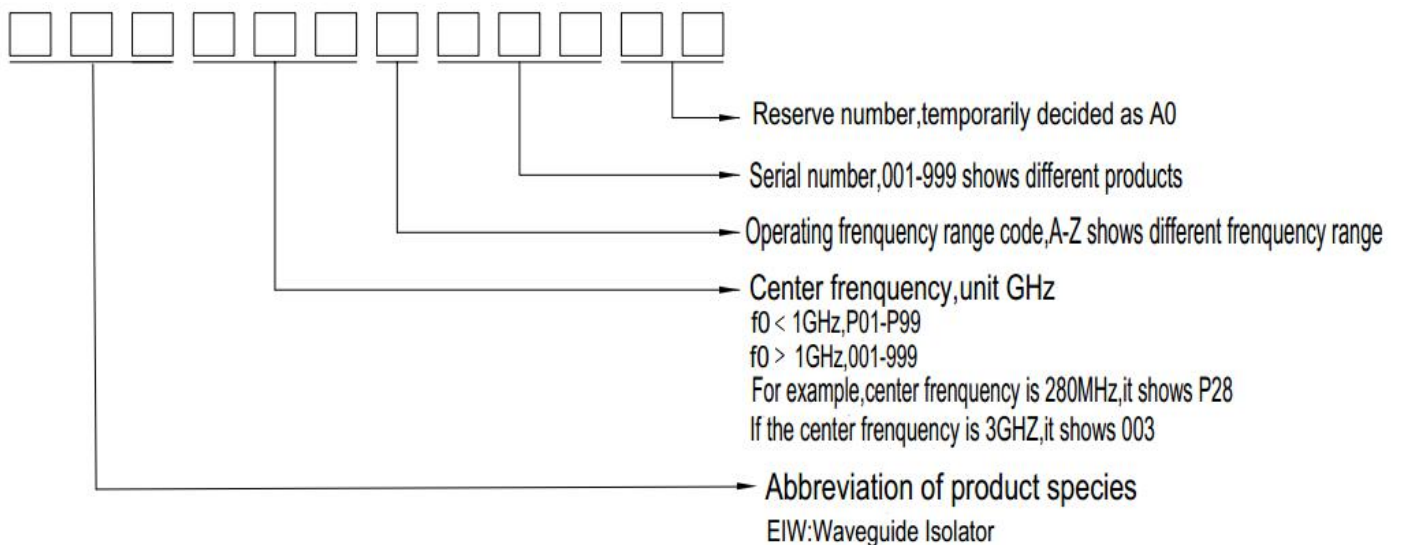
- ❖ Compact Size
- ❖ High isolation
- ❖ Low Insertion Loss
- ❖ Wide temperature stability



## 【Specifications】

Model No.	EIW015A003A0
Waveguide Type	WR62/R140
Frequency Range	14.4GHz~15.35GHz
Insertion Loss	0.38 dB.
Isolation	20 dB.
Return Loss	20dB
Power Handling	1W Forward & Reverse
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 °C	Waveguide Type	Size L*W*H mm
EIW008A001A0	7.7-8.4	full	0.3	23	1.20	-40~+80	WR112	36*75.5*48
EIW008B001A0	7.25-8.4	full	0.4	20	1.25	-40~+80	WR112	69.2*83.3*44.5
EIW010A001A0	10-11	full	0.4	20	1.15	0~+70	WR90	70*42*42
EIW010B00XA0	8-12.4	300	0.2	30	1.15	-40~+80	WR90	28*56*42
		1000	0.3	23	1.20			
EIW013A00XA0	10-15	500	0.25	25	1.15	-40~+80	WR75	25*52*38
		1000	0.3	23	1.20			
EIW013A00XA0	10-15	500	0.25	25	1.15	-40~+80	WR75 With Sealing groove	28*52*38
		1000	0.3	23	1.20			
EIW015A00XA0	12-18	500	0.3	25	1.15	-40~+80	WR62	21*52*33.3
		1000	0.3	23	1.20			
EIW010B00XA0	8-12.4	300	0.4	25	1.20	-40~+80	WR90	12.7*48.5*42
		1000	0.5	20	1.25			
EIW013A00XA0	10-15	300	0.3	25	1.20	-40~+80	WR75	12.7*43*38
EIW015A00XA0	12-18	500	0.3	23	1.20	-40~+80	WR62	12.7*38.3*33.3
		1000	0.4	20	1.25			
EIW015A00XA0	12-18	1000	0.4	20	1.25	-40~+80	WR62	12.7*39.88*22.35
EIW018A00XA0	14.5-22.0	1000	0.3	25	1.20	-40~+80	WR51	15*40*33.3
EIW018A00XA1	14.5-22.0	1000	0.3	25	1.20	-40~+80	WR51	15*40*30.2
EIW022A00XA0	17.6-26.7	2000	0.4	18	1.30	-40~+80	WR42	9.5*31.75*22.4
EIW022A00XA1	17.6-26.7	2000	0.4	18	1.30	-40~+80	WR42	9.525*31.75*22.35
EIW022A00XA2	17.6-26.7	500	0.3	28	1.15	-40~+80	WR42	12.7*32*22.4
		1000	0.4	23	1.20	-40~+80	WR42	12.7*32*22.4
EIW022A00XA3	17.6-26.7	2000	0.5	20	1.25	-40~+80	WR42	12.7*31.75*23.6



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
EIW026A001A0	24.5-26.5	full	0.4	17	1.40	-40~+80	WR34	9.525*31.75*22.35
EIW029A001A0	27.5-29.5							
EIW027A00XA0	21.7-33.0	1000	0.3	23	1.20	-40~+80	WR34	12.7*32*21.1
EIW033A00XA0	26.5-40	1000	0.5	20	1.20	-40~+80	WR28	5*25.4*19.1
EIW039A001A0	37-40	full	0.4	17	1.40	-40~+80	WR28	9.525*31.75*22.35
EIW033A00XA1	26.5-40	1000	0.3	25	1.20	-40~+80	WR28	10*28*19.1
		2000	0.35	22	1.22			
EIW033A00XA1	26.5-40	1000	0.3	25	1.20	-40~+80	WR28	10*28*19.1
		2000	0.35	22	1.22			
EIW033A00XA2	26.5-40	3000	0.4	20	1.25	-40~+80	WR28	12.7*31.75*19.1
EIW033A00XA3	26.5-40	3000	0.4	20	1.25	-40~+80	WR28	12.7*32*19.56
EIW033A00XA4	26.5-40	1000	0.3	25	1.20	-40~+80	WR28	15*28*19.1
EIW035A00XA0	33.4-36.6	full	1.0	40	1.25	-40~+80	WR28	20*28*19.1
EIW035A00XA1	33.4-36.6	full	1.5	60	1.25	-40~+80	WR28	30*28*19.1
EIW042A00XA0	32.9-50.1	1000	0.6	25	1.20	-40~+80	WR22	10*26*19.1
		2000	0.6	23	1.25			
EIW049A00XA0	39.2-59.6	1000	0.6	25	1.20	-40~+80	WR18	10*25.5*19.1
		2000	0.6	23	1.25			
EIW092A00XA0	84-100	1000	0.8	23	1.25	-40~+80	WR10	10*22*19.1
		2000	1.0	20	1.30			

- Note: 1, X shows different product in model, A0, A1……Z9 etc. are used to make a distinction between products with same frequency range.
- 2, In the forms that power divider and combiner are common used, just combiner is named.
- 3, All the above are technical indexes at normal temperature.
- 4, Above devices can be dedicated to the design according to customers' needs.
- 5, If you have other requirements or the table does not list of technical parameters, please contact us.