

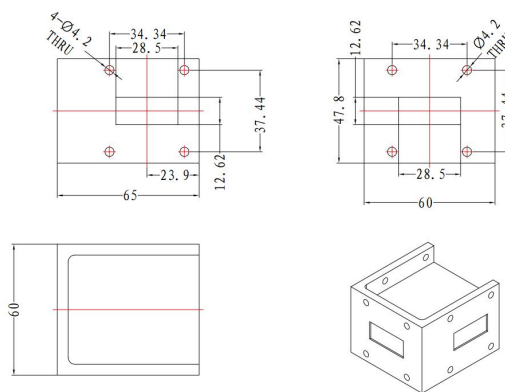
# 波导环行器

型号: **ECW007A001A0**

## 【特点】

- ❖ 结构紧凑
- ❖ 高隔离
- ❖ 低插损
- ❖ 温度范围稳定性

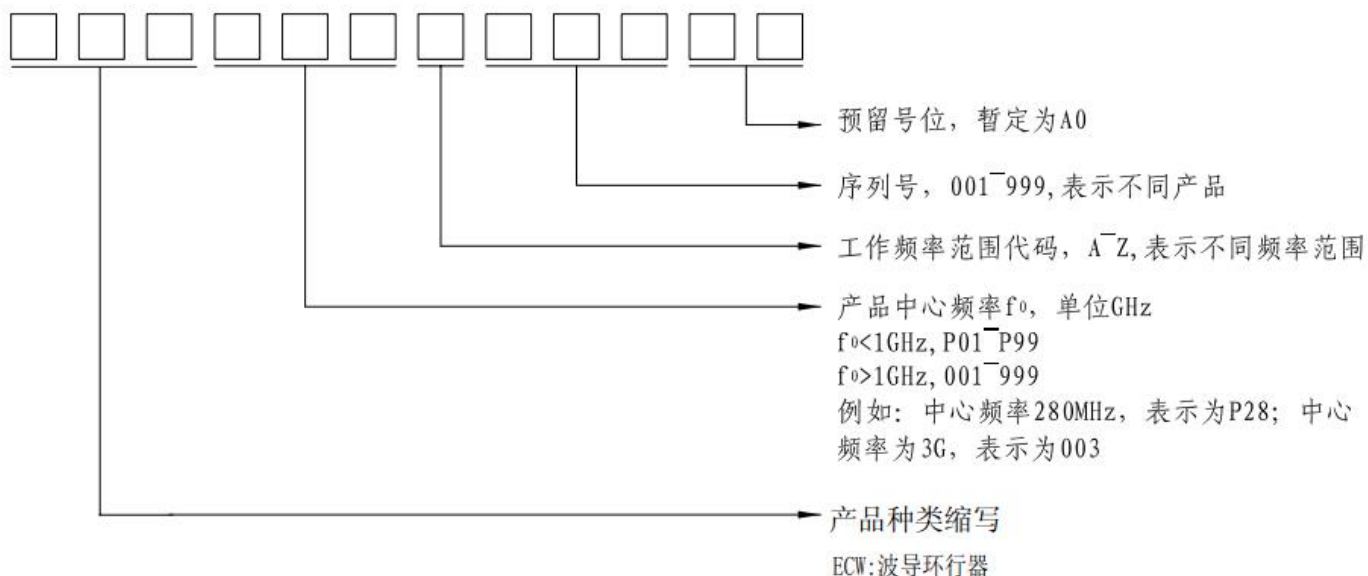
## 【外形图】



## 【典型型号指标】

| 型号.   | ECW007A001A0 |
|-------|--------------|
| 波导口类型 | WR112/R84    |
| 频率范围  | 7.1-7.9GHz   |
| 插入损耗  | 0.30 dB.     |
| 隔离度   | 25 dB.       |
| 驻波比   | 1.20         |
| 功率    | 100W         |
| 工作温度  | - 40~ + 80℃  |

## 【命名规则】



| 型号.          | 频率范围<br>GHz | 带宽<br>MHz | 插入损耗<br>dB.Max | 隔离<br>dB.Min | 驻波比<br>Max | 工作温度<br>℃ | 波导口类型                             | 尺寸<br>L*W*H<br>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<br>With<br>sealing<br>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        |



| 型号.          | 频率范围<br>GHz | 带宽<br>MHz | 插入损耗<br>dB.Max | 隔离<br>dB.Min | 驻波比<br>Max | 工作温度<br>℃ | 波导口类<br>型 | 尺寸<br>L*W*H<br>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       |           |           |                   |

备注：1，型号中的X表示不同的产品，A0，A1，A2等用于区别同种频率的不同种类的产品。  
2，上述所有电性能指标均是常温下指标。  
3，上述产品均可根据客户需求进行定制。  
4，如果您有其他需求，请联系我们。