



安贝讯科技（成都）有限公司  
Ambasen Technology (Chengdu) Co., Ltd.

## Technical specifications

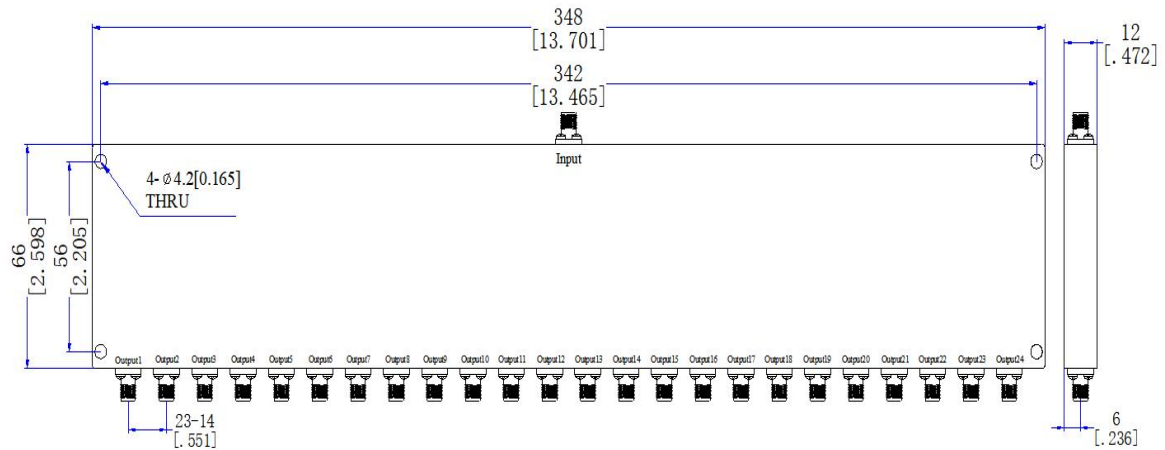
### PRODUCTS

Power Divider

### DESCRIPTION

APD-3/1500-24/2W-SF

#### 1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance ( $\pm 0.3$ )

#### 2、NOTE:

| SN | Parameters                   | Specifications      |
|----|------------------------------|---------------------|
| 1  | 频率范围 Frequency Range         | 3~1500 MHz          |
| 2  | 插入损耗 Insertion Loss          | $\leq 29.6$ dB      |
| 3  | 输入驻波 Input Port VSWR         | Typ.1.18 / Max.1.20 |
| 4  | 输出驻波 Output Port VSWR        | Typ.1.16 / Max.1.20 |
| 5  | 隔离度 Isolation                | Min.25dB            |
| 6  | 幅度平衡 Amplitude Balance       | $\pm 0.6$ dB        |
| 7  | 相位平衡 Phase Balance           | $\pm 6^\circ$       |
| 8  | 阻抗 Impedance                 | 50 Ohms             |
| 9  | 端口接头 Input/Output Connectors | SMA-Female          |
| 10 | 功率 Power Rating              | 2W                  |
| 11 | 工作温度 Operation Temperature   | -35°C ~ +75°C       |
| 12 | 表面处理 Surface Finishing       | 喷砂本导                |
| 13 | 外形尺寸 Outline Dimensions      | 66*348*12 (mm)      |
| 14 | 重量 Weight                    | 约 850 (g)           |

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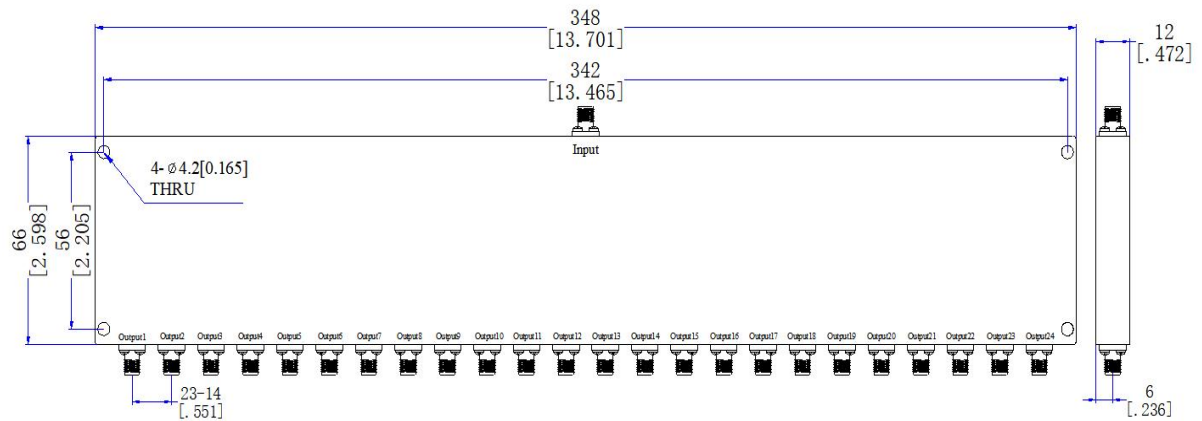
### PRODUCTS

Power Divider

### DESCRIPTION

APD-3/6000-24/2W-SF

#### 1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance ( $\pm 0.3$ )

#### 2、NOTE:

| SN | Parameters                   | Specifications      |
|----|------------------------------|---------------------|
| 1  | 频率范围 Frequency Range         | 3~6000 MHz          |
| 2  | 插入损耗 Insertion Loss          | $\leq 35$ dB        |
| 3  | 输入驻波 Input Port VSWR         | Typ.1.18 / Max.1.25 |
| 4  | 输出驻波 Output Port VSWR        | Typ.1.16 / Max.1.25 |
| 5  | 隔离度 Isolation                | Min.25dB            |
| 6  | 幅度平衡 Amplitude Balance       | $\pm 0.8$ dB        |
| 7  | 相位平衡 Phase Balance           | $\pm 8^\circ$       |
| 8  | 阻抗 Impedance                 | 50 Ohms             |
| 9  | 端口接头 Input/Output Connectors | SMA-Female          |
| 10 | 功率 Power Rating              | 2W                  |
| 11 | 工作温度 Operation Temperature   | -35°C ~ +75°C       |
| 12 | 表面处理 Surface Finishing       | 喷砂本导                |
| 13 | 外形尺寸 Outline Dimensions      | 66*348*12 (mm)      |
| 14 | 重量 Weight                    | 约 850 (g)           |

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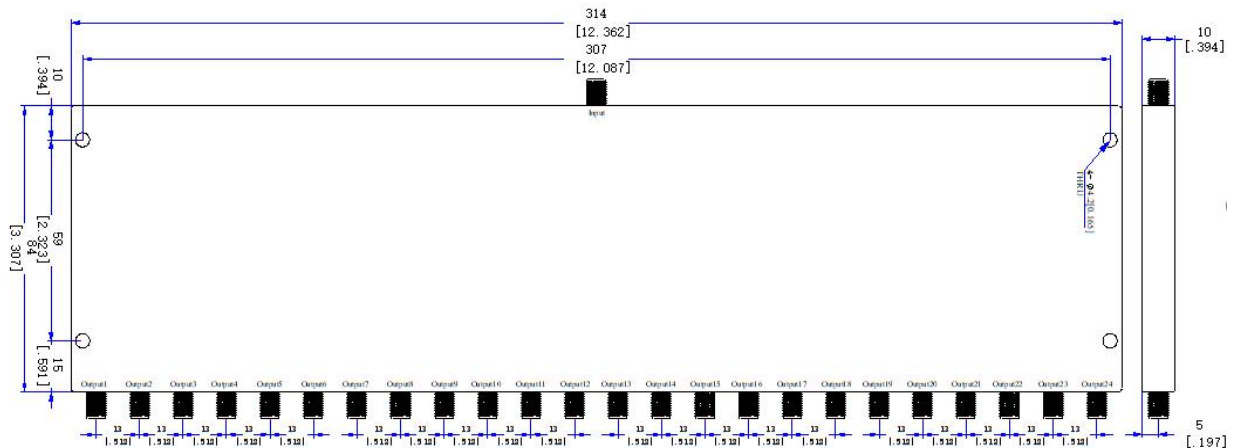
### PRODUCTS

Power Divider

### DESCRIPTION

APD-15000/18000-24/20W-SF

#### 1、OUTLINE DIMENSION: (UNIT: mm)



#### 2、NOTE:

| SN | Parameters                   | Specifications                                      |
|----|------------------------------|---|
| 1  | 频率范围 Frequency Range         | 15000~18000 MHz                                     |
| 2  | 插入损耗 Insertion Loss          | ≤ 2.6 dB (Excluding theoretical loss 不含理论损耗 13.8dB) |
| 3  | 输入驻波 Input Port VSWR         | Typ.1.28 / Max.1.6                                  |
| 4  | 输出驻波 Output Port VSWR        | Typ.1.20 / Max.1.5                                  |
| 5  | 隔离度 Isolation                | Typ.24dB / Min.18dB                                 |
| 6  | 幅度平衡 Amplitude Balance       | ±1.0dB  |
| 7  | 相位平衡 Phase Balance           | ±10°  |
| 8  | 阻抗 Impedance                 | 50 Ohms   |
| 9  | 端口接头 Input/Output Connectors | SMA-Female  |
| 10 | 承受功率 Power Rating            | Splitter 分路器用时 20W; Combiner 合路器用时 1W               |
| 11 | 工作温度 Operation Temperature   | -45°C ~ +85°C                                       |
| 12 | 表面处理 Surface Finishing       | Black paint 黑色烤漆                                    |
| 13 | 外形尺寸 Outline Dimensions      | 84*314*10 (mm)                                      |
| 14 | 重量 Weight                    | (g)   |

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