



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

## Technical specifications

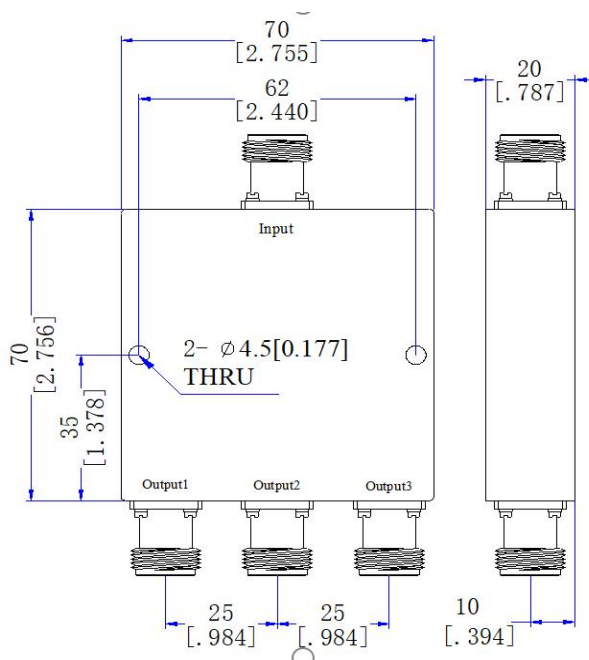
### PRODUCTS

Power Divider

### DESCRIPTION

APD-1000/2500-3/30W-NF

#### 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	1000~2500 MHz
2	插入损耗 Insertion Loss	$\leq 0.8\text{dB}$ (Excluding theoretical loss 未含理论损耗 4.8dB)
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.1.20
5	隔离度 Isolation	Typ.24dB / Min.20dB
6	幅度平衡 Amplitude Balance	$\pm 0.5\text{dB}$
7	相位平衡 Phase Balance	$\pm 5^\circ$
8	阻抗 Impedance	50 Ohms
9	端口接头 Input/Output Connectors	N-Female;
10	承受功率 Power Rating	Splitter 分路器用时 30W; Combiner 合路器用时 2W
11	工作温度 Operation Temperature	$-35^\circ\text{C} \sim +75^\circ\text{C}$
12	表面处理 Surface Finishing	喷砂本导
13	外形尺寸 Outline Dimensions	70*70*20 (mm)
14	重量 Weight	300 (g)

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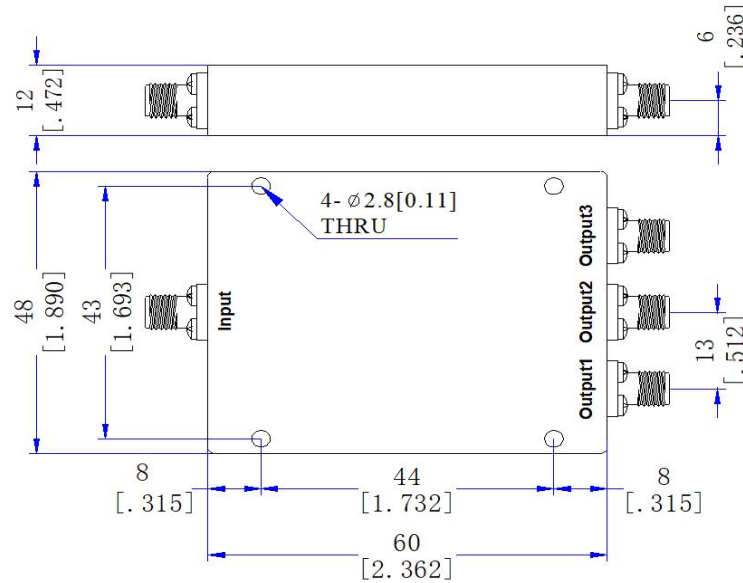
### PRODUCTS

Power Divider

### DESCRIPTION

APD-5/300-3/1W-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	5~300 MHz
2	插入损耗 Insertion Loss	$\leq 0.8\text{dB}$ (Excluding theoretical loss 未含理论损耗 4.8dB)
3	输入驻波 Input Port VSWR	Typ.1.22 / Max.1.5
4	输出驻波 Output Port VSWR	Typ.1.13 / Max.1.3
5	隔离度 Isolation	Typ.30dB / Min.20dB
6	幅度平衡 Amplitude Balance	$\pm 0.2\text{dB}$
7	相位平衡 Phase Balance	$\pm 2^\circ$
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 1W; Combiner 合路器用时 0.15W
11	工作温度 Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
12	表面处理 Surface Finishing	Black paint 黑色烤漆
13	外形尺寸 Outline Dimensions	60*48*12 (mm)
14	重量 Weight	85 (g)

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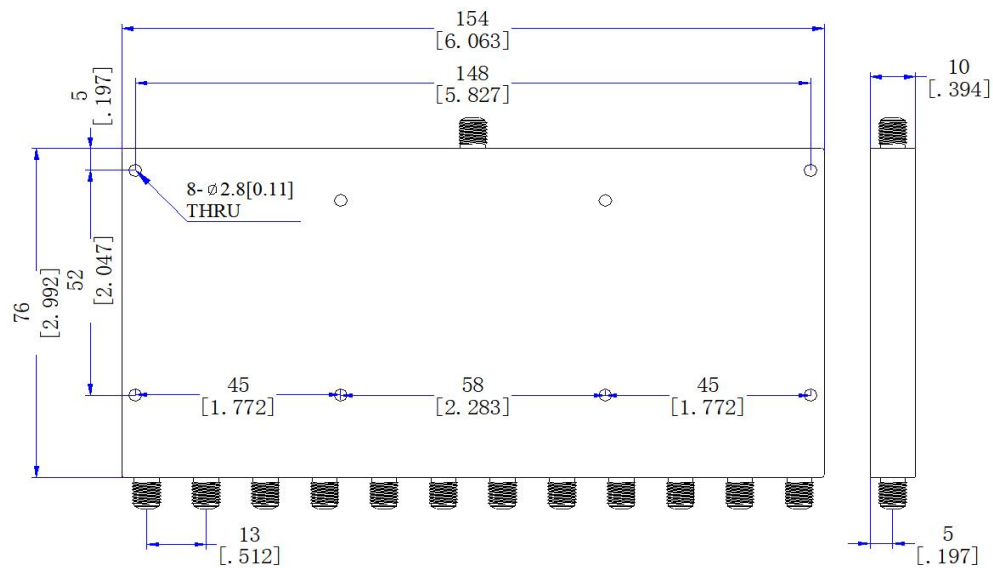
PRODUCTS

Power Divider

DESCRIPTION

APD-6000/18000-12/20W-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	6000~18000 MHz
2	插入损耗 Insertion Loss	$\leq 2.0$ dB (Excluding theoretical loss 未含理论损耗 10.8dB)
3	输入驻波 Input Port VSWR	Typ.1.38 / Max.1.8
4	输出驻波 Output Port VSWR	Typ.1.25 / Max.1.6
5	隔离度 Isolation	Typ.22dB / Min.16dB
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	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	$-45^\circ\text{C} \sim +85^\circ\text{C}$
12	表面处理 Surface Finishing	Black paint 黑色烤漆
13	外形尺寸 Outline Dimensions	76*154*10 (mm)
14	重量 Weight	315 (g)

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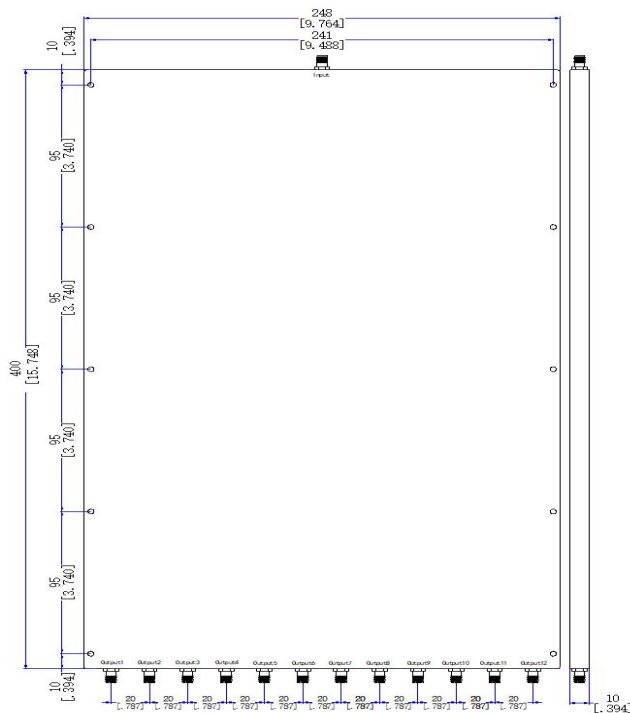
### PRODUCTS

Power Divider

### DFSCRIPTION

APD-100/4000-12/20W-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	100~4000 MHz
2	插入损耗 Insertion Loss	$\leq 9.0$ dB (Excluding theoretical loss 10.8 dB)
3	输入驻波 Input Port VSWR	Typ.1.22 / Max.1.60
4	输出驻波 Output Port VSWR	Typ.1.18 / Max.1.40
5	隔离度 Isolation	$\geq 10$ dB (100M-200M) & 18dB (200M-4000M)
6	幅度平衡 Amplitude Balance	$\leq 1.0$ dB
7	相位平衡 Phase Balance	$\pm 15^\circ$
8	阻抗 Impedance	50 Ohms
9	端口接头 Input/Output Connectors	SMA-F
10	承受功率 Power Rating	当分路器用时 20W;当合路器用时 2W
11	工作温度 Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
12	表面处理 Surface Finishing	黑色烤漆
13	外形尺寸 Outline Dimensions	大约 400*248*10 (mm)
14	重量 Weight	约 2.4 (Kg)

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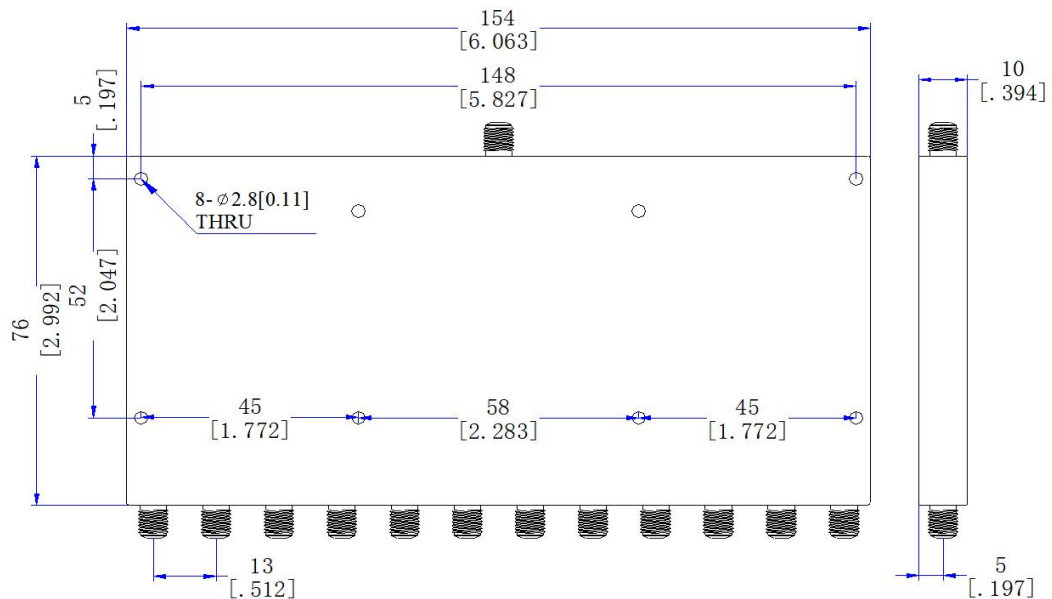
### PRODUCTS

Power Divider

### DESCRIPTION

APD-9000/18000-12/20W-SF

#### 1、OUTLINE DIMENSION: (UNIT: mm)



#### 2、NOTE:

SN	Parameters	Specifications
1	频率范围 Frequency Range	9000~18000 MHz
2	插入损耗 Insertion Loss	$\leq 2.0$ dB (Excluding theoretical loss 未含理论损耗 10.8 dB)
3	输入驻波 Input Port VSWR	Typ.1.4/ Max.1.8
4	输出驻波 Output Port VSWR	Typ.1.2/ Max.1.6
5	隔离度 Isolation	Typ.20dB / Min.16dB
6	幅度平衡 Amplitude Balance	$\pm 0.6$ 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	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	$-45^\circ\text{C} \sim +85^\circ\text{C}$
12	表面处理 Surface Finishing	Blue paint 蓝色烤漆
13	外形尺寸 Outline Dimensions	154*76*10 (mm)
14	重量 Weight	315 (g)

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