



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

Technical specifications

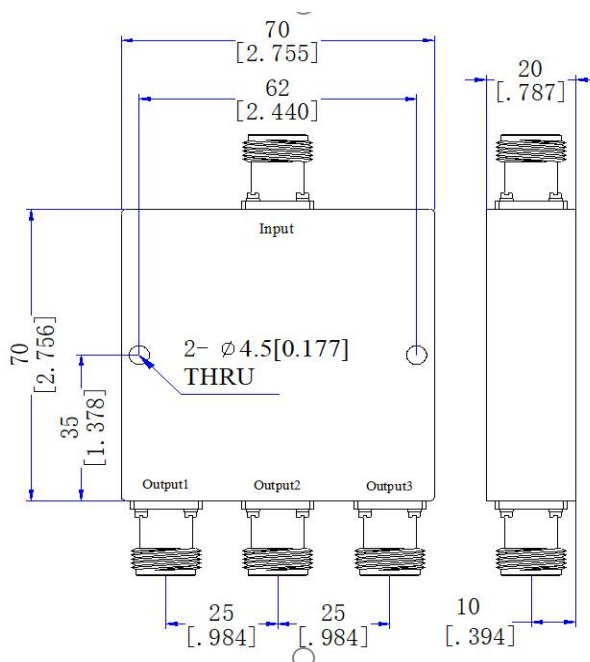
PRODUCTS

Power Divider

DESCRIPTION

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

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 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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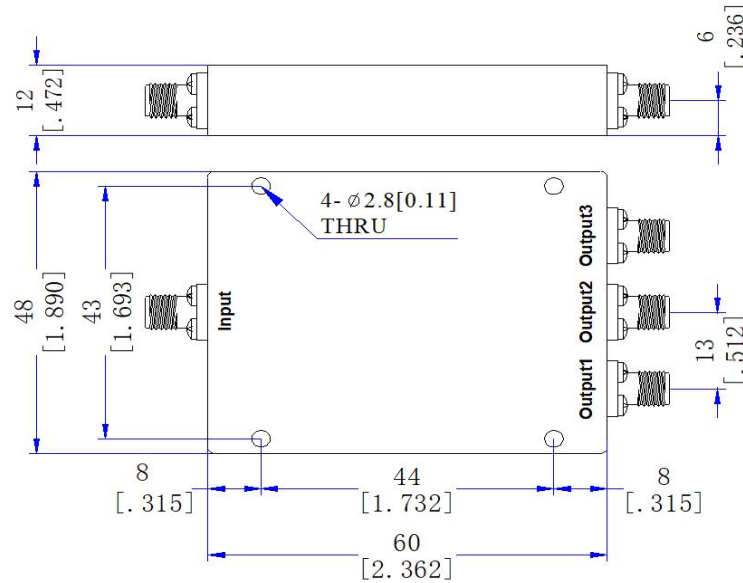
PRODUCTS

Power Divider

DESCRIPTION

APD-5/300-3/1W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 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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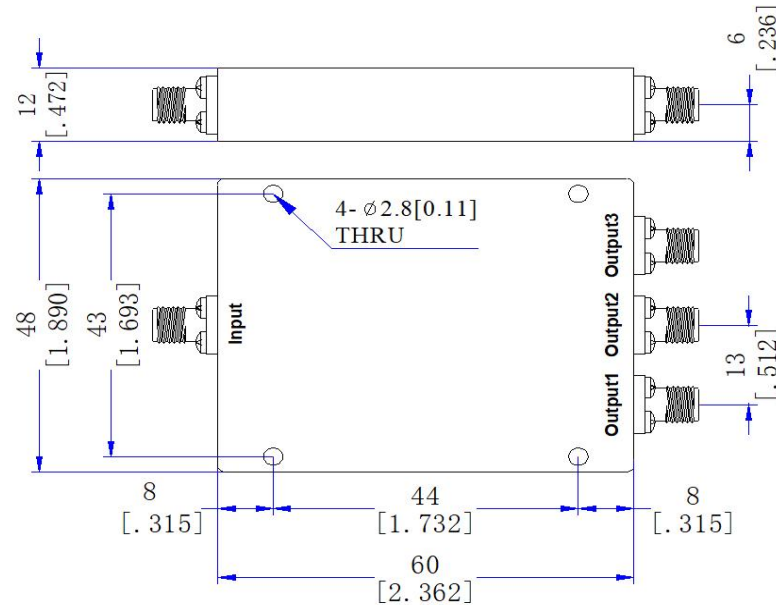
PRODUCTS

Power Divider

DESCRIPTION

APD-10/1000-3/1W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.3)

2、NOTE:

SN	Parameters	Specifications
1	频率范围 Frequency Range	10~1000 MHz
2	插入损耗 Insertion Loss	$\leq 1.7\text{dB}$ (Excluding theoretical loss 未含理论损耗 4.8dB)
3	输入驻波 Input Port VSWR	Typ.1.28 / Max.1.70
4	输出驻波 Output Port VSWR	Typ.1.19 / Max.1.40
5	隔离度 Isolation	Typ.30dB / Min.18dB
6	幅度平衡 Amplitude Balance	$\pm 0.4\text{dB}$
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	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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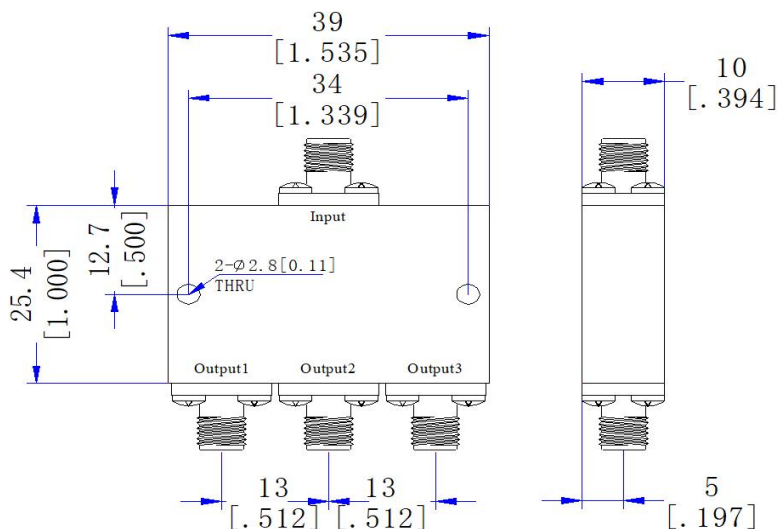
PRODUCTS

Power Divider

DESCRIPTION

APD-30000/30200-3/20W-2.92F

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.3)

2、NOTE:

SN	Parameters	Specifications
1	频率范围 Frequency Range	30000~30200 MHz
2	插入损耗 Insertion Loss	$\leq 0.8\text{dB}$ (Excluding theoretical loss 未含理论损耗 4.8 dB)
3	输入驻波 Input Port VSWR	Typ.1.16 / Max.1.5
4	输出驻波 Output Port VSWR	Typ.1.12 / Max.1.5
5	隔离度 Isolation	$\geq 18\text{dB}$
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	2.92mm-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	黑色烤漆
13	外形尺寸 Outline Dimensions	39*25.4*10 (mm)
14	重量 Weight	85 (g)

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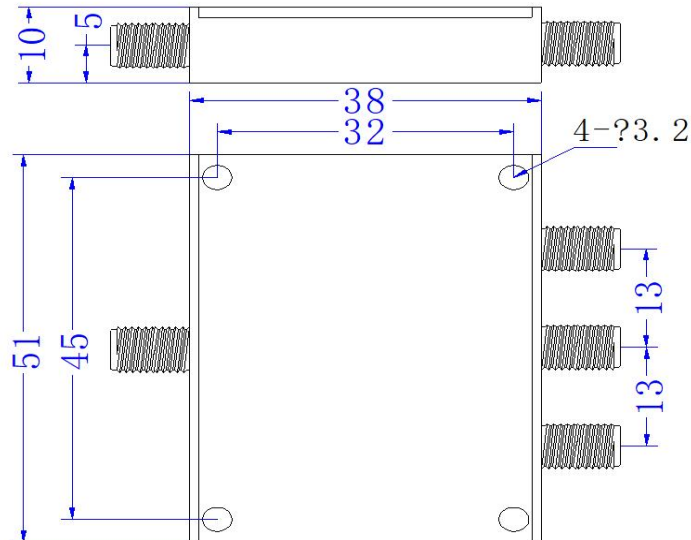
PRODUCTS

Power Divider

DESCRIPTION

APD-6000/18000-3/20W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.3)

2、NOTE:

SN	Parameters	Specifications
1	频率范围 Frequency Range	6000~18000 MHz
2	插入损耗 Insertion Loss	≤ 1.2 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.1.18 / Max.1.5
5	隔离度 Isolation	Typ.24dB / Min.18dB
6	幅度平衡 Amplitude Balance	± 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	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	38*51*10 (mm)
14	重量 Weight	52 (g)

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