



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

Technical specifications

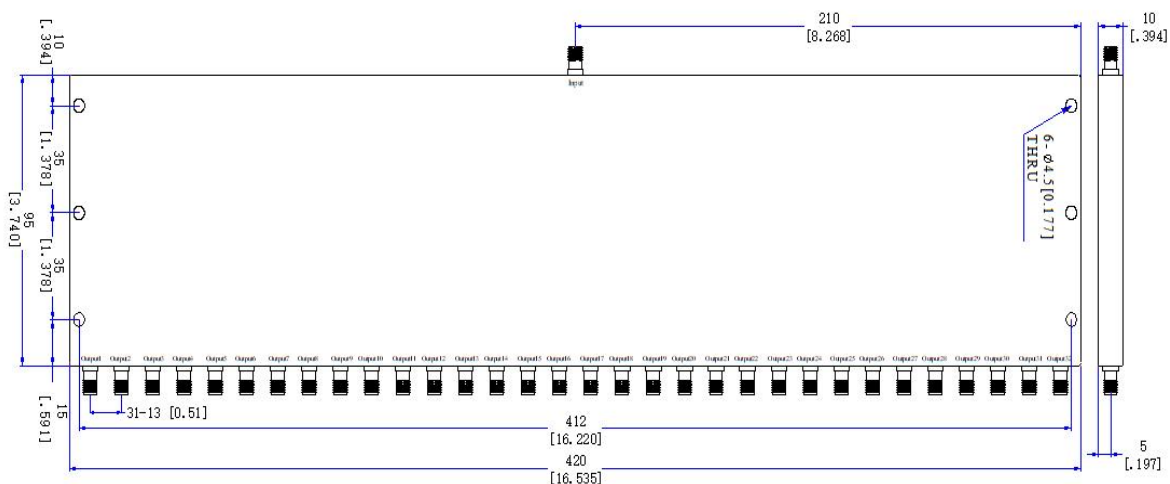
PRODUCTS

Power Divider

DESCRIPTION

APD-15000/18000-32/20W-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	15000~18000 MHz
2	插入损耗 Insertion Loss	$\leq 3.0\text{dB}$ (Excluding theoretical loss 未含理论损耗 15.0dB)
3	输入驻波 Input Port VSWR	Typ.1.22 / Max.1.6
4	输出驻波 Output Port VSWR	Typ.1.16 / Max.1.3
5	隔离度 Isolation	Typ.22dB / Min.18dB
6	幅度平衡 Amplitude Balance	$\pm 0.5\text{dB}$
7	相位平衡 Phase Balance	$\pm 10^\circ$
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	黑色烤漆
13	外形尺寸 Outline Dimensions	420*95*10 (mm)
14	重量 Weight	(g)

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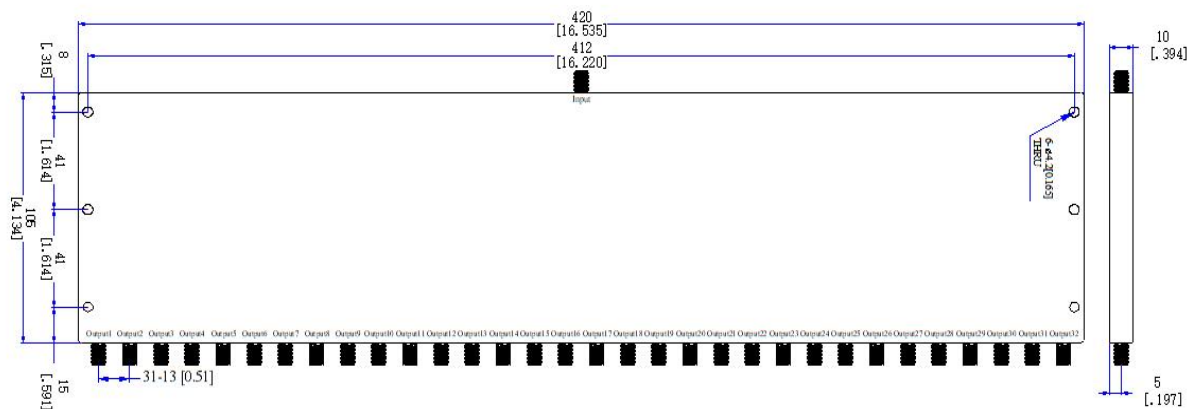
Power Divider

DESCRIPTION

APD-8000/15000-32/20W-SF

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

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	8000~15000 MHz
2	插入损耗 Insertion Loss	≤ 3.5 dB (Excluding theoretical loss 未含理论损耗 15.0dB)
3	输入驻波 Input Port VSWR	Typ.1.45 / Max.1.9
4	输出驻波 Output Port VSWR	Typ.1.25 / Max.1.6
5	隔离度 Isolation	Typ.26dB / Min.16dB
6	幅度平衡 Amplitude Balance	± 0.8 dB
7	相位平衡 Phase Balance	$\pm 10^\circ$
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	106*420*10 (mm)
14	重量 Weight	约 1500 (g)

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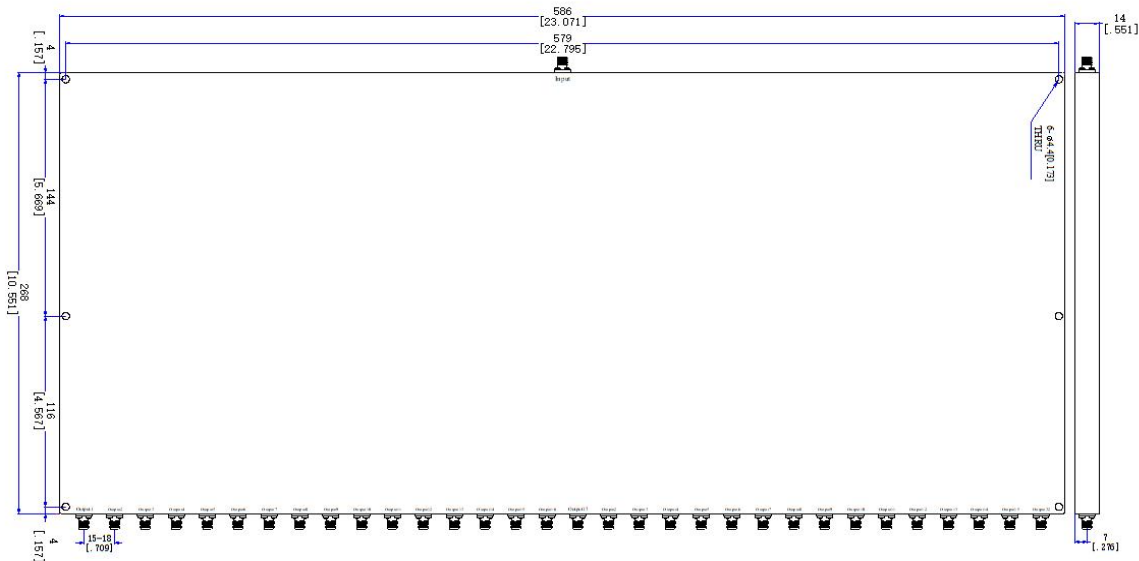
PRODUCTS

Power Divider

DESCRIPTION

APD-100/400-32/20W-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	100~400 MHz
2	插入损耗 Insertion Loss	≤ 2.4 dB, 100M 处约 1.6dB (Excluding theoretical loss 未含理论损耗 15.0 dB)
3	输入驻波 Input Port VSWR	$\leq 1.35: 1$
4	输出驻波 Output Port VSWR	$\leq 1.25: 1$
5	隔离度 Isolation	Typ. 26dB / Min. 20dB
6	幅度平衡 Amplitude Balance	± 0.4 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	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	$-35^\circ\text{C} \sim +70^\circ\text{C}$
12	表面处理 Surface Finishing	喷砂本导
13	外形尺寸 Outline Dimensions	268*586*14 (mm)
14	重量 Weight	(g)

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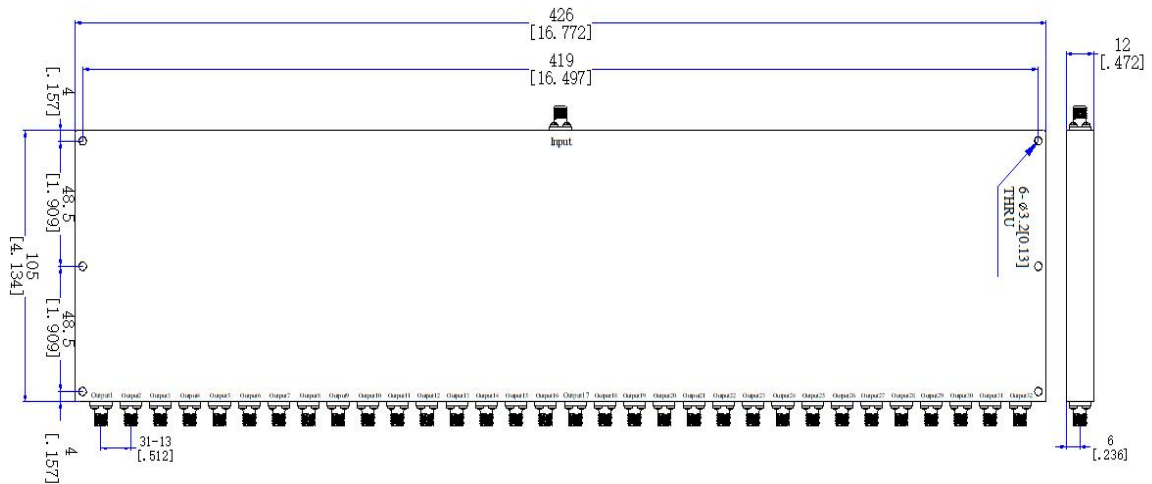
PRODUCTS

Power Divider

DESCRIPTION

APD-2500/2700-32/30W-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	2500~2700 MHz
2	插入损耗 Insertion Loss	$\leq 1.8\text{dB}$ (Excluding theoretical loss 未含理论损耗 15.0 dB)
3	输入驻波 Input Port VSWR	Typ.1.18 / Max.1.35
4	输出驻波 Output Port VSWR	Typ.1.12 / Max.1.25
5	隔离度 Isolation	$\geq 20\text{dB}$
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 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	Sandblasting natural color conductive oxide 喷砂本导
13	外形尺寸 Outline Dimensions	105*426*12 (mm)
14	重量 Weight	(g)

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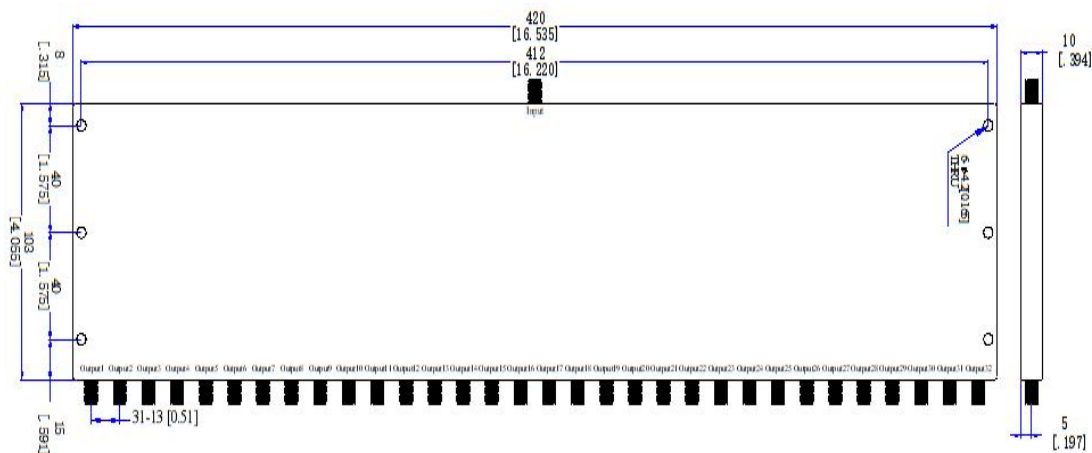
PRODUCTS

Power Divider

DESCRIPTION

APD-8000/12000-32/20W-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	8000~12000 MHz
2	插入损耗 Insertion Loss	≤ 2.0 dB (Excluding theoretical loss 未含理论损耗 15.0dB)
3	输入驻波 Input Port VSWR	Typ.1.21 / Max.1.5
4	输出驻波 Output Port VSWR	Typ.1.18 / Max.1.3
5	隔离度 Isolation	Typ.24dB / Min.18dB
6	幅度平衡 Amplitude Balance	± 0.5 dB
7	相位平衡 Phase Balance	$\pm 10^\circ$
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	103*420*10 (mm)
14	重量 Weight	约 1200 (g)

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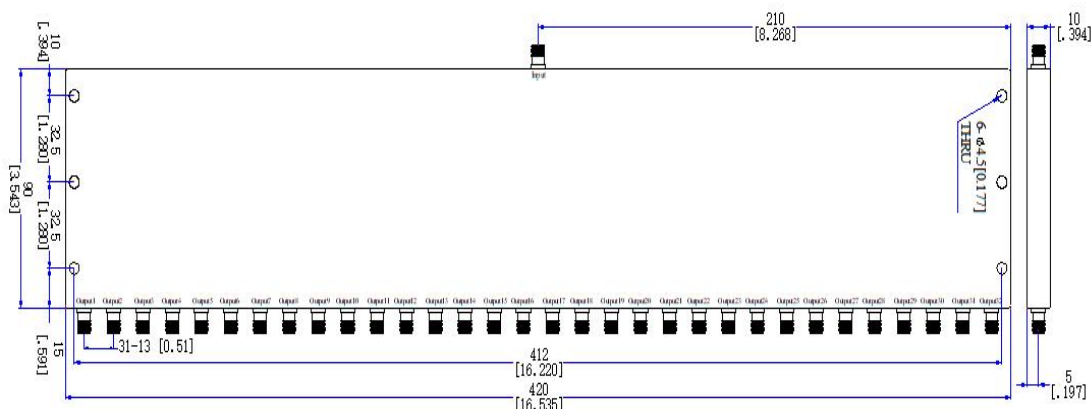
PRODUCTS

Power Divider

DESCRIPTION

APD-16600/17400-32/20W-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	16600~17400 MHz
2	插入损耗 Insertion Loss	$\leq 2.8\text{dB}$ (Excluding theoretical loss 未含理论损耗 15.0dB)
3	输入驻波 Input Port VSWR	Typ. 1.22 / Max. 1.6
4	输出驻波 Output Port VSWR	Typ. 1.16 / Max. 1.3
5	隔离度 Isolation	Typ. 22dB / Min. 18dB
6	幅度平衡 Amplitude Balance	$\pm 0.5\text{dB}$
7	相位平衡 Phase Balance	$\pm 10^\circ$
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	黑色烤漆
13	外形尺寸 Outline Dimensions	420*90*10 (mm)
14	重量 Weight	(g)

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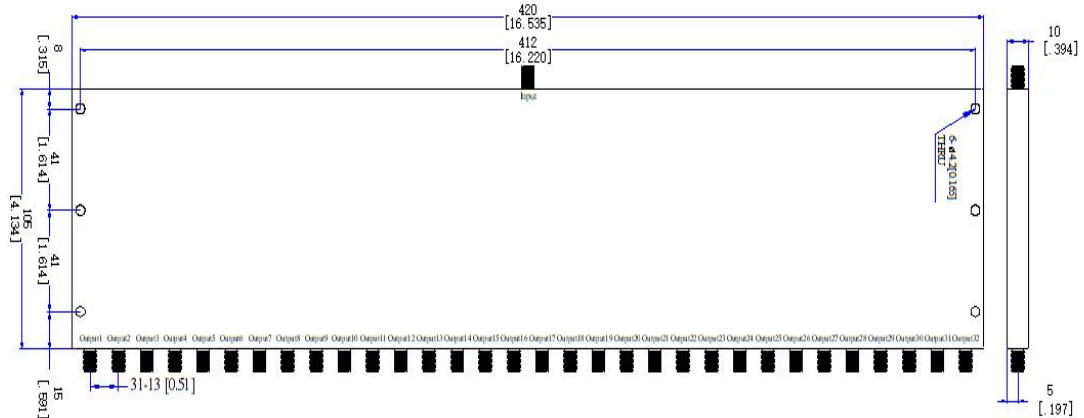
PRODUCTS

Power Divider

DESCRIPTION

APD-6000/18000-32/20W-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	≤ 3.5 dB (Excluding theoretical loss 不含理论损耗 15.0dB)
3	输入驻波 Input Port VSWR	Typ.1.45 / Max.1.8
4	输出驻波 Output Port VSWR	Typ.1.25 / Max.1.6
5	隔离度 Isolation	Typ.26dB / Min.16dB
6	幅度平衡 Amplitude Balance	± 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	Black paint 黑色烤漆
13	外形尺寸 Outline Dimensions	105*420*10 (mm)
14	重量 Weight	约 1500 (g)

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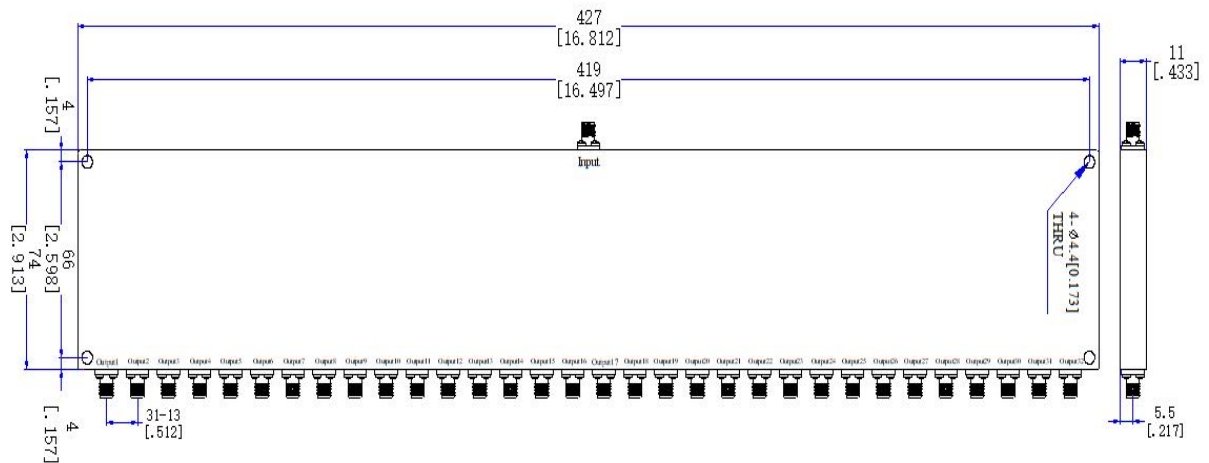
PRODUCTS

Power Divider

DESCRIPTION

APD-2500/4000-32/20W-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	2500~4000 MHz
2	插入损耗 Insertion Loss	$\leq 2.0\text{dB}$ (Excluding theoretical loss 未含理论损耗 15.0dB)
3	输入驻波 Input Port VSWR	Typ.1.18 / Max.1.35
4	输出驻波 Output Port VSWR	Typ.1.12 / Max.1.25
5	隔离度 Isolation	Typ.26dB / Min.20dB
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 10W; Combiner 合路器用时 0.5W
11	工作温度 Operation Temperature	$-40^\circ\text{C} \sim +75^\circ\text{C}$
12	表面处理 Surface Finishing	黑色烤漆
13	外形尺寸 Outline Dimensions	74*427*11 (mm)
14	重量 Weight	约 1300 (g)

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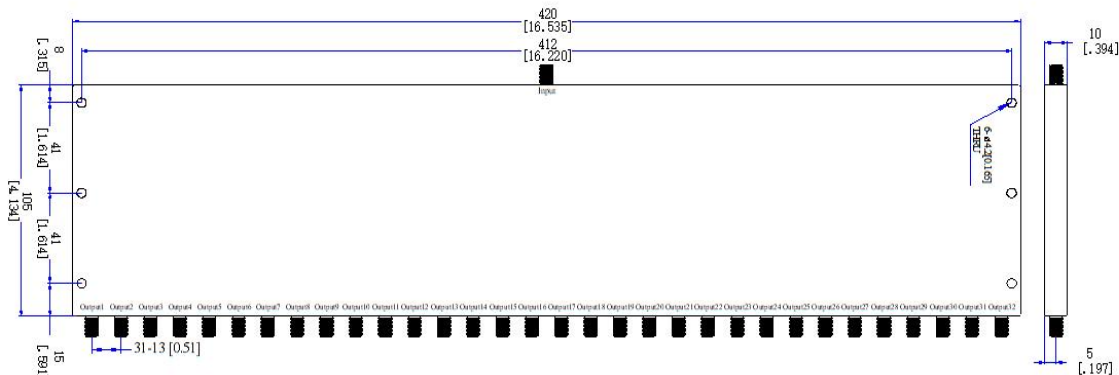
PRODUCTS

Power Divider

DESCRIPTION

APD-8000/18000-32/20W-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	8000~18000 MHz
2	插入损耗 Insertion Loss	≤ 3.5 dB (Excluding theoretical loss 未含理论损耗 15.0dB)
3	输入驻波 Input Port VSWR	Typ.1.45 / Max.1.8
4	输出驻波 Output Port VSWR	Typ.1.25 / Max.1.6
5	隔离度 Isolation	Typ.26dB / Min.16dB
6	幅度平衡 Amplitude Balance	± 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	Black paint 黑色烤漆
13	外形尺寸 Outline Dimensions	105*420*10 (mm)
14	重量 Weight	约 1500 (g)

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