



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

Technical specifications

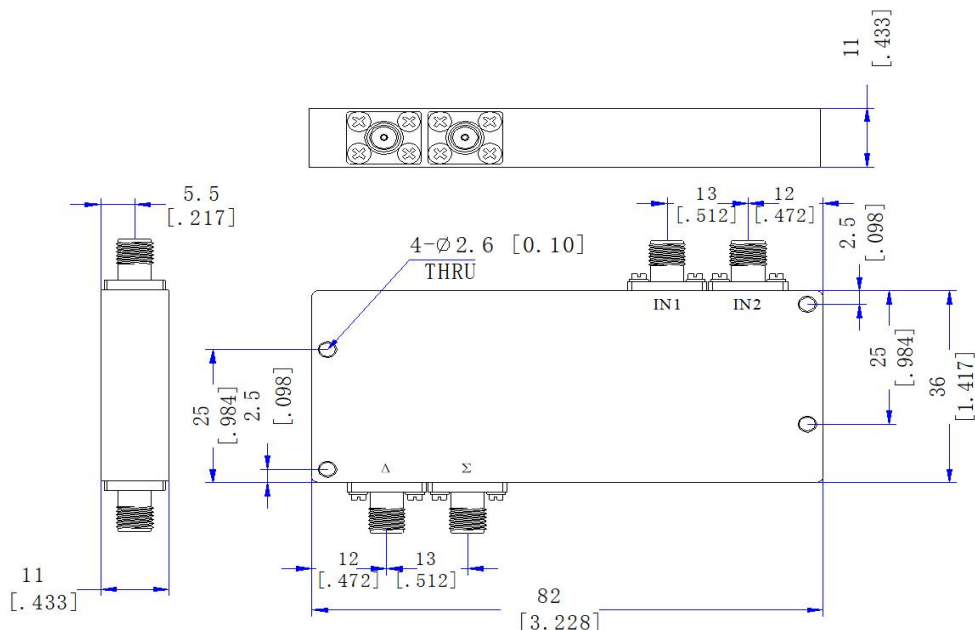
PRODUCTS

Power Divider

DESCRIPTION

ABC180-2000/6000-3/30W-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	2000~6000 MHz
2	插入损耗 Insertion Loss	≤ 1.5 dB
3	主路驻波 Primary VSWR	Max.1.35
4	支路驻波 Secondary VSWR	Max.1.35
5	方向性 Directivity	Min.18dB
6	灵敏度 Frequency Sensitivity	± 0.9 dB
7	相位平衡 Phase Balance	$\pm 11^\circ$
8	阻抗 Impedance	50 Ohms
9	端口接头 Input/Output Connectors	SMA-Female
10	承受功率 Power Rating	30W
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

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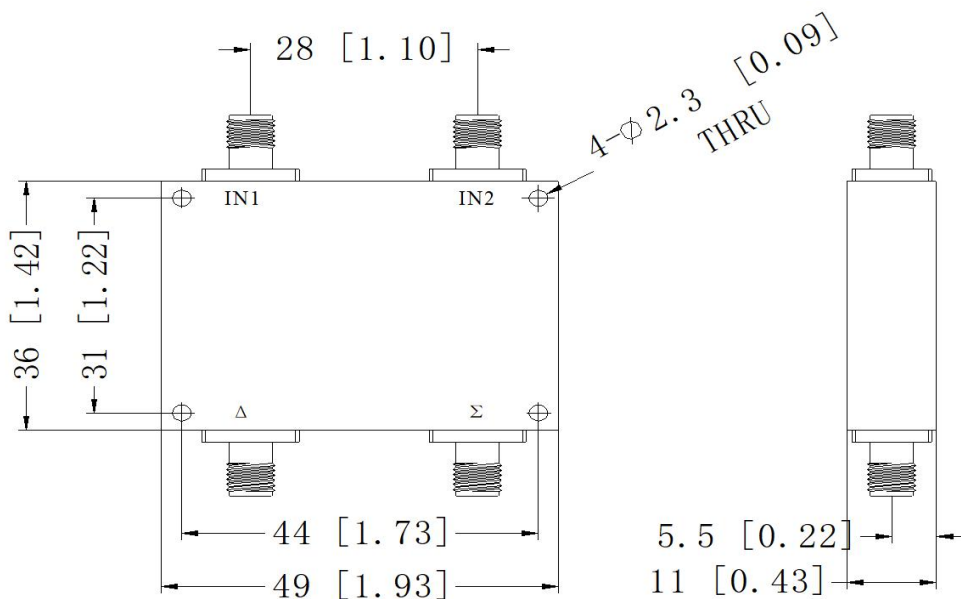
PRODUCTS

Power Divider

DESCRIPTION

ABC180-15900/16100-3/30W-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	15900~16100 MHz
2	插入损耗 Insertion Loss	≤ 1.8 dB
3	主路驻波 Primary VSWR	Max.1.60
4	支路驻波 Secondary VSWR	Max.1.60
5	方向性 Directivity	Min.15dB
6	灵敏度 Frequency Sensitivity	±1.0dB
7	相位平衡 Phase Balance	±11°
8	阻抗 Impedance	50 Ohms
9	端口接头 Input/Output Connectors	<u>SMA-Female</u>
10	承受功率 Power Rating	30W
11	工作温度 Operation Temperature	-45°C ~ +85°C
12	表面处理 Surface Finishing	Black paint

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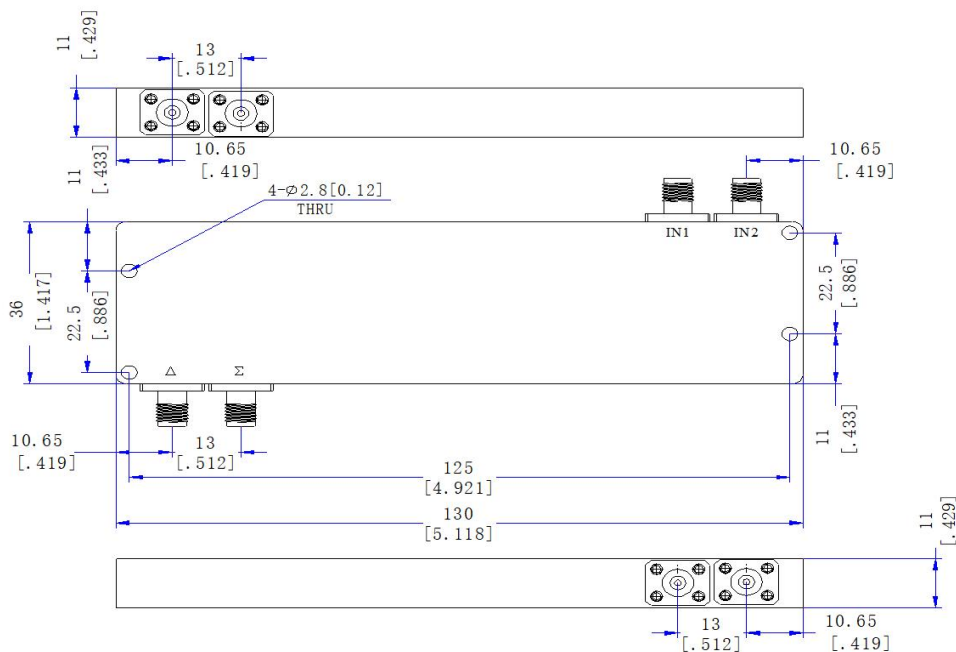
PRODUCTS

Power Divider

DESCRIPTION

ABC180-1000/8000-3/30W-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	1000~8000 MHz
2	插入损耗 Insertion Loss	≤ 2.4 dB
3	主路驻波 Primary VSWR	Max.1.90
4	支路驻波 Secondary VSWR	Max.1.90
5	方向性 Directivity	Min.12dB
6	灵敏度 Frequency Sensitivity	± 1.6 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-Female
10	承受功率 Power Rating	30W
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

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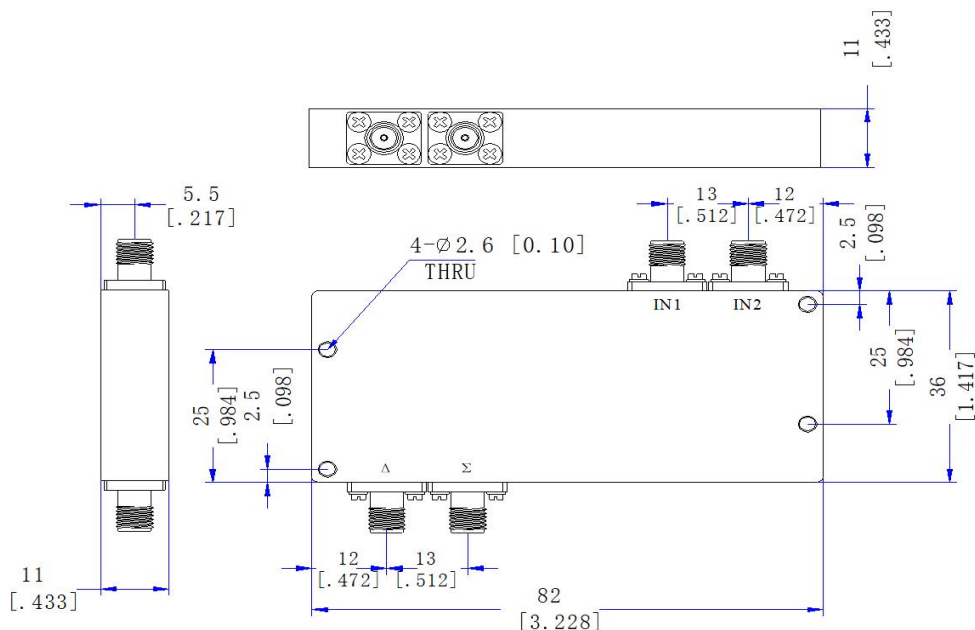
PRODUCTS

Power Divider

DESCRIPTION

ABC180-2000/8000-3/30W-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	2000~8000 MHz
2	插入损耗 Insertion Loss	≤ 1.6 dB
3	主路驻波 Primary VSWR	Max.1.70
4	支路驻波 Secondary VSWR	Max.1.70
5	方向性 Directivity	Min.15dB
6	灵敏度 Frequency Sensitivity	± 1.0 dB
7	相位平衡 Phase Balance	$\pm 11^\circ$
8	阻抗 Impedance	50 Ohms
9	端口接头 Input/Output Connectors	SMA-Female
10	承受功率 Power Rating	30W
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

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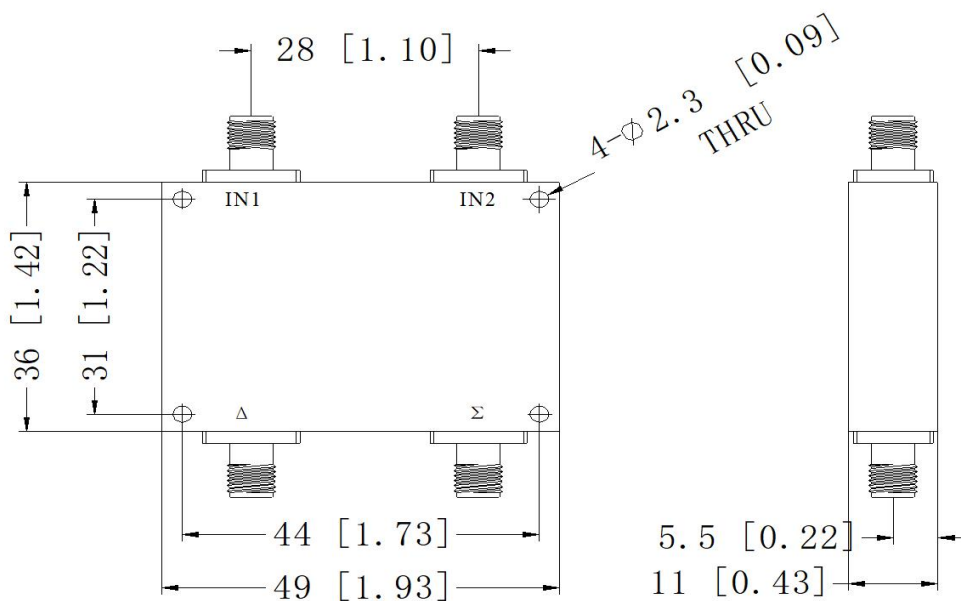
PRODUCTS

Power Divider

DESCRIPTION

ABC180-8000/12000-3/30W-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	8000~12000 MHz
2	插入损耗 Insertion Loss	≤ 1.8 dB
3	主路驻波 Primary VSWR	Max.1.60
4	支路驻波 Secondary VSWR	Max.1.60
5	方向性 Directivity	Min.15dB
6	灵敏度 Frequency Sensitivity	±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	30W
11	工作温度 Operation Temperature	-45°C ~ +85°C
12	表面处理 Surface Finishing	Black paint

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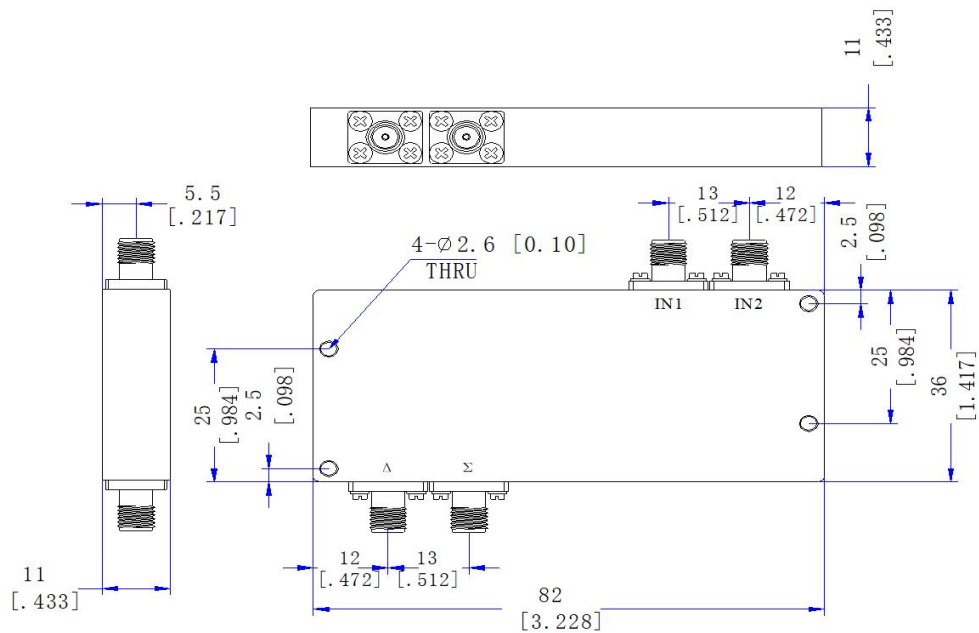
PRODUCTS

Power Divider

DESCRIPTION

ABC180-2000/18000-3/30W-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	2000~18000 MHz
2	插入损耗 Insertion Loss	≤ 2.8 dB
3	驻波比 VSWR	Max. 1.8
4	隔离度 Isolation	Min. 12dB
5	灵敏度 Frequency Sensitivity	± 1.6 dB
6	相位平衡 Phase Balance	$\pm 13^\circ$
7	阻抗 Impedance	50 Ohms
8	端口接头 Input/Output Connectors	SMA-Female
10	承受功率 Power Rating	30W
9	工作温度 Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
10	表面处理 Surface Finishing	Black paint

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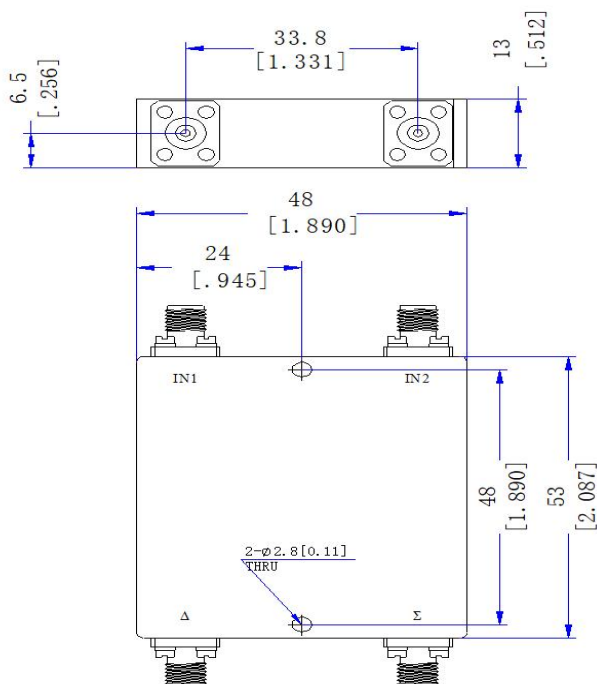
PRODUCTS

Power Divider

DESCRIPTION

ABC180-2000/4000-3/30W-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	2000~4000 MHz
2	插入损耗 Insertion Loss	≤ 0.4 dB
3	主路驻波 Primary VSWR	Max. 1.35
4	支路驻波 Secondary VSWR	Max. 1.35
5	方向性 Directivity	Min. 20dB
6	灵敏度 Frequency Sensitivity	± 0.5 dB
7	相位平衡 Phase Balance	$\pm 9^\circ$
8	阻抗 Impedance	50 Ohms
9	端口接头 Input/Output Connectors	<u>SMA-Female</u>
10	承受功率 Power Rating	30W
11	工作温度 Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
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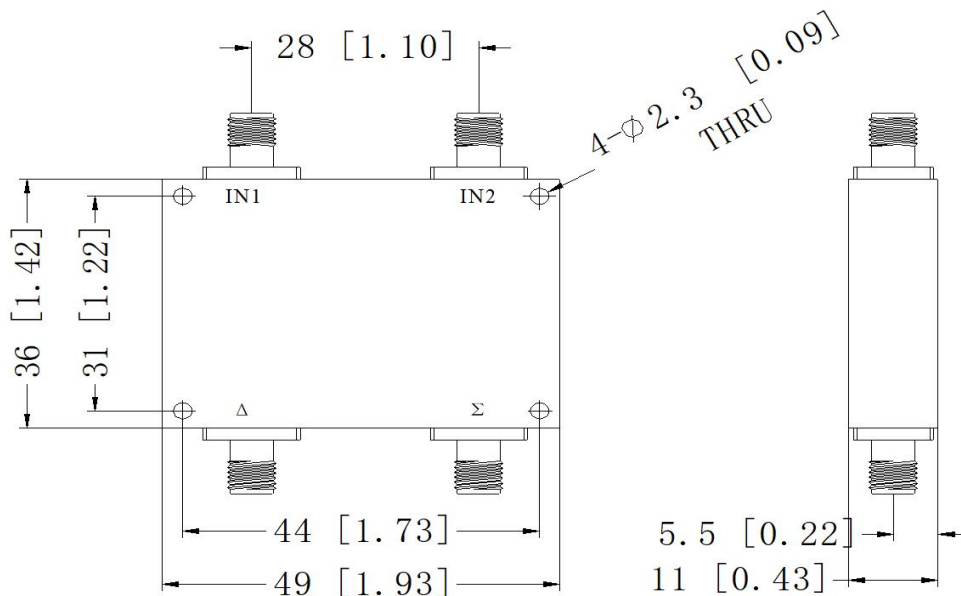
PRODUCTS

Power Divider

DESCRIPTION

ABC180-12000/18000-3/30W-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	12000~18000 MHz
2	插入损耗 Insertion Loss	≤ 1.8 dB
3	主路驻波 Primary VSWR	Max. 1.60
4	支路驻波 Secondary VSWR	Max. 1.60
5	方向性 Directivity	Min. 15dB
6	灵敏度 Frequency Sensitivity	± 1.0 dB
7	相位平衡 Phase Balance	$\pm 12^\circ$
8	阻抗 Impedance	50 Ohms
9	端口接头 Input/Output Connectors	<u>SMA-Female</u>
10	承受功率 Power Rating	30W
11	工作温度 Operation Temperature	-45°C ~ +85°C
12	表面处理 Surface Finishing	Black paint

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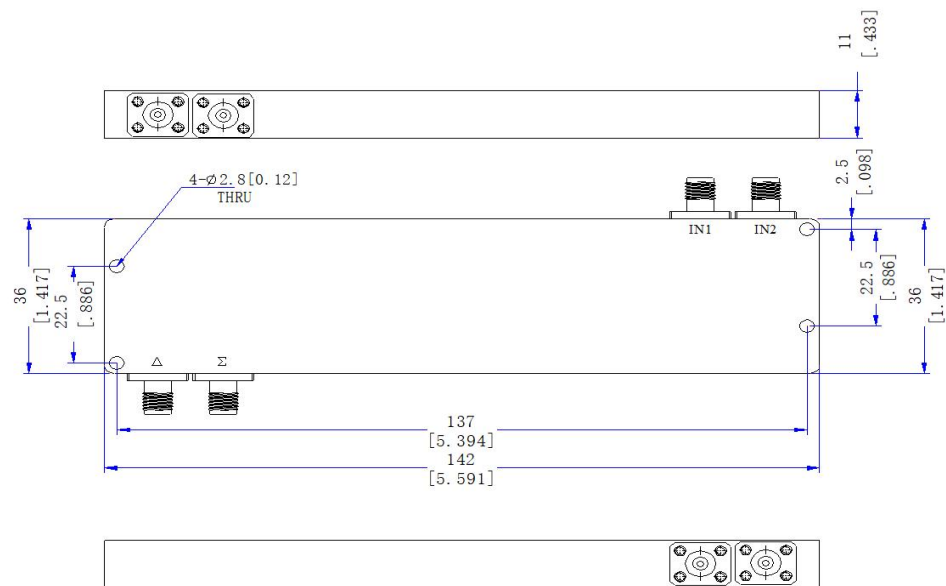
PRODUCTS

Power Divider

DESCRIPTION

ABC180-600/7200-3/30W-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	600~7200 MHz
2	插入损耗 Insertion Loss	≤ 1.8 dB
3	主路驻波 Primary VSWR	Max.1.50
4	支路驻波 Secondary VSWR	Max.1.50
5	方向性 Directivity	Min.16dB
6	灵敏度 Frequency Sensitivity	± 1.0 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	30W
11	工作温度 Operation Temperature	$-40^\circ\text{C} \sim +85^\circ\text{C}$
12	表面处理 Surface Finishing	Black paint

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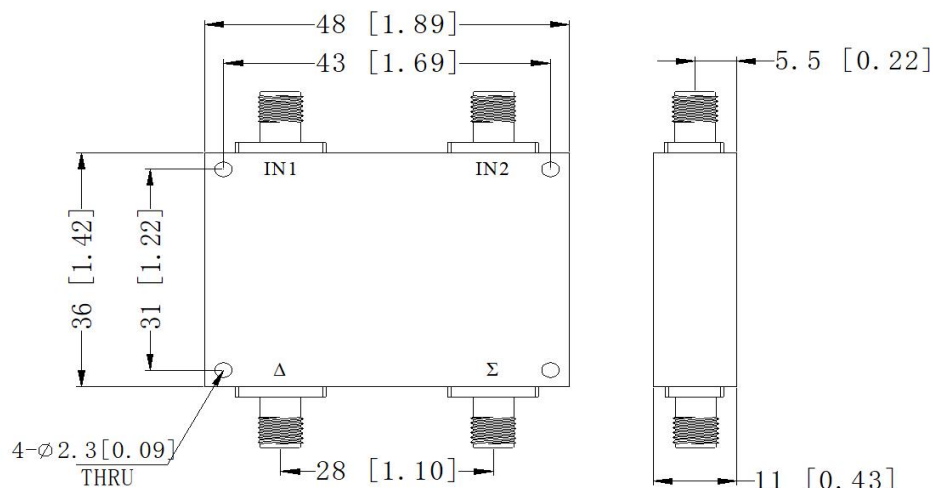
PRODUCTS

Power Divider

DESCRIPTION

ABC180-4000/10000-3/30W-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	4000~10000 MHz
2	插入损耗 Insertion Loss	≤ 1.5 dB
3	主路驻波 Primary VSWR	Max.1.50
4	支路驻波 Secondary VSWR	Max.1.50
5	方向性 Directivity	Min.18dB
6	灵敏度 Frequency Sensitivity	± 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	30W
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

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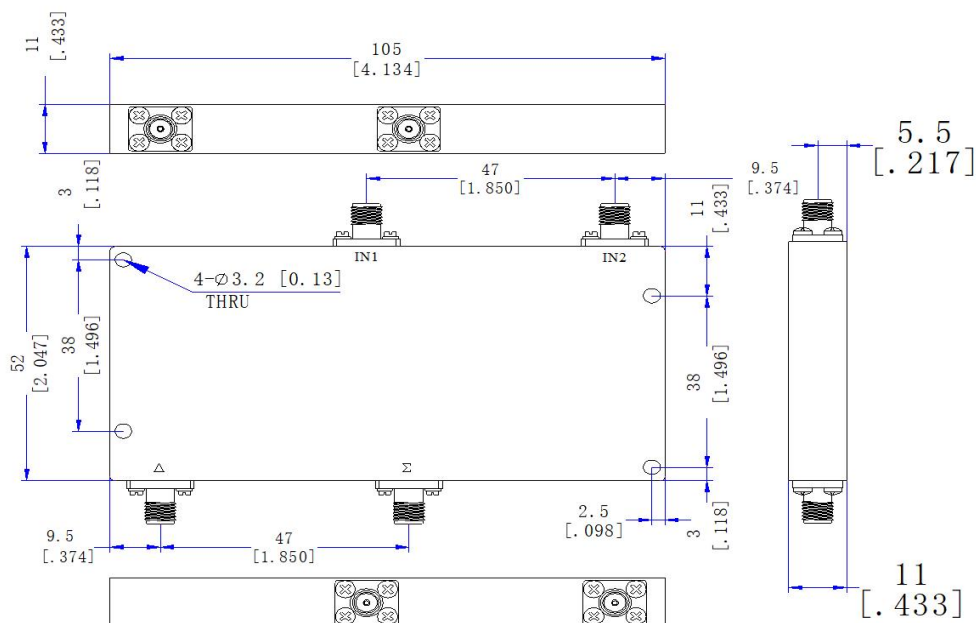
PRODUCTS

Power Divider

DESCRIPTION

ABC180-2000/6000-3/30W-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	2000~6000 MHz
2	插入损耗 Insertion Loss	≤ 1.5 dB
3	驻波比 VSWR	Max.1.25
4	隔离度 Isolation	Typ. 30dB / Min. 22dB
5	灵敏度 Frequency Sensitivity	± 0.7 dB
6	相位平衡 Phase Balance	$\pm 10^\circ$
7	阻抗 Impedance	50 Ohms
8	端口接头 Input/Output Connectors	SMA-Female
10	承受功率 Power Rating	30W
9	工作温度 Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
10	表面处理 Surface Finishing	Black paint

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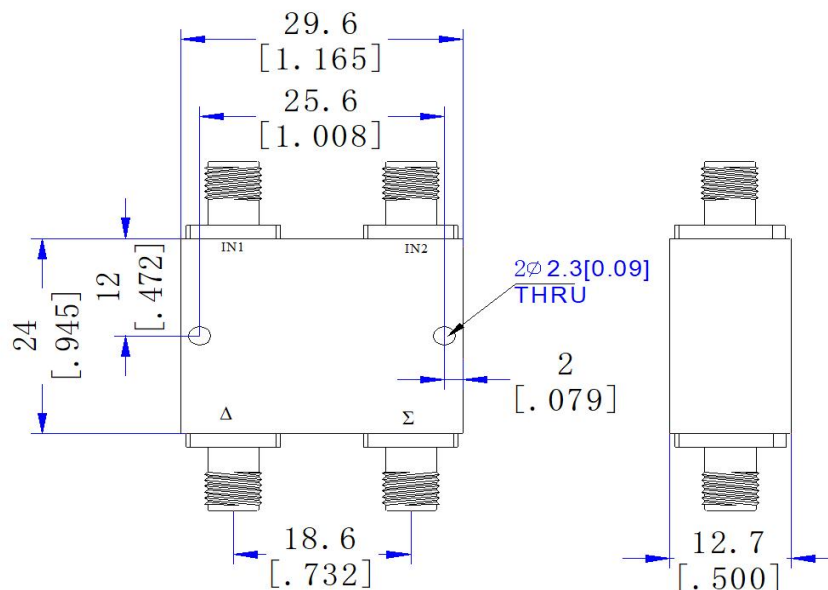
PRODUCTS

Power Divider

DESCRIPTION

ABC180-18000/40000-3/30W-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	18000~40000 MHz
2	插入损耗 Insertion Loss	≤ 3.2 dB
3	主路驻波 Primary VSWR	Max.1.80
4	支路驻波 Secondary VSWR	Max.1.80
5	隔离度 Isolation	Min.12dB
6	幅度平衡 Amplitude Balance	Max. ±1.2dB
7	相位平衡 Phase Balance	±13°
8	阻抗 Impedance	50 Ohms
9	端口接头 Input/Output Connectors	2.92-Female
10	承受功率 Power Rating	30W
11	工作温度 Operation Temperature	-45°C ~ +85°C
12	表面处理 Surface Finishing	Black paint

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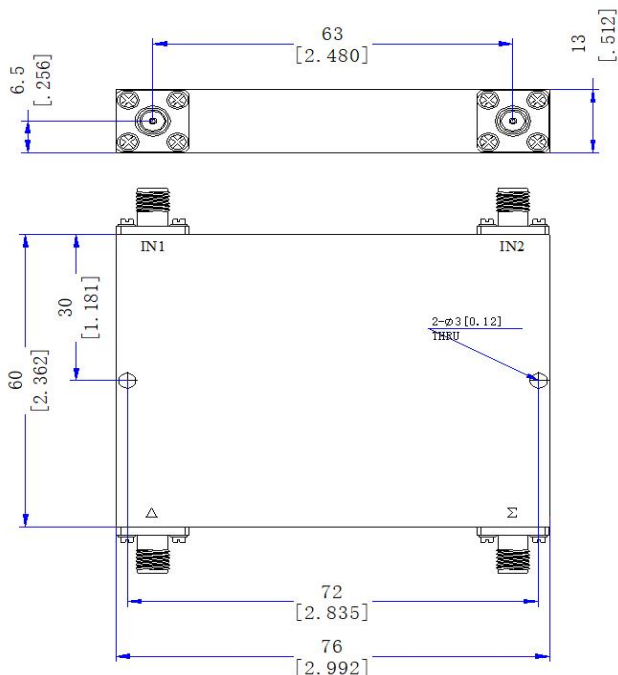
PRODUCTS

Power Divider

DESCRIPTION

ABC180-1700/2200-3/30W-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	1700~2200 MHz
2	插入损耗 Insertion Loss	≤ 0.6 dB
3	主路驻波 Primary VSWR	Max.1.35
4	支路驻波 Secondary VSWR	Max.1.35
5	方向性 Directivity	Min.20dB
6	灵敏度 Frequency Sensitivity	±0.5dB
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	30W
11	工作温度 Operation Temperature	-45°C ~ +85°C
12	表面处理 Surface Finishing	Black paint

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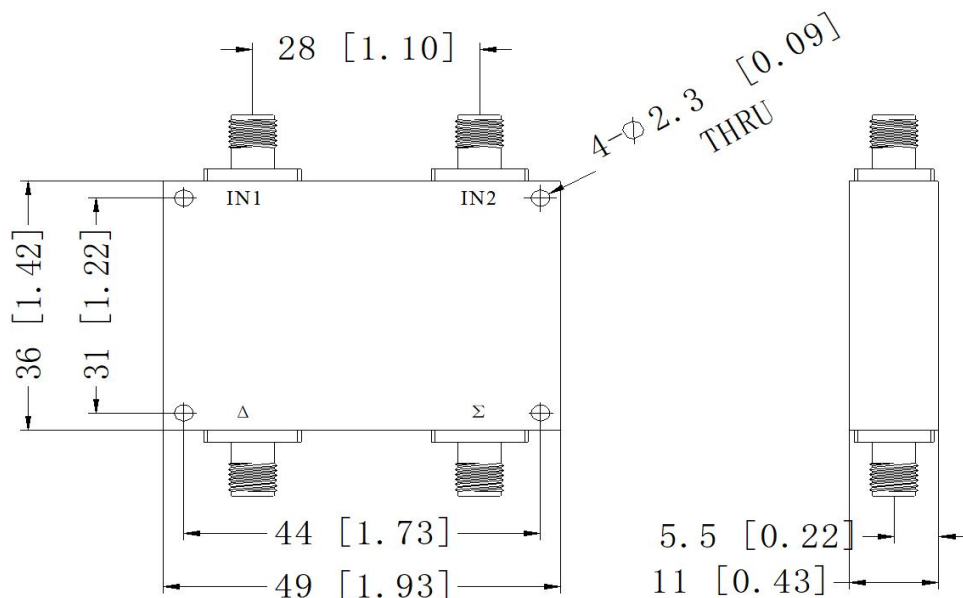
PRODUCTS

Power Divider

DESCRIPTION

ABC180-4000/12400-3/30W-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	4000~12400 MHz
2	插入损耗 Insertion Loss	≤ 1.8 dB
3	主路驻波 Primary VSWR	Max.1.60
4	支路驻波 Secondary VSWR	Max.1.60
5	方向性 Directivity	Min.15dB
6	灵敏度 Frequency Sensitivity	±1.0dB
7	相位平衡 Phase Balance	±12°
8	阻抗 Impedance	50 Ohms
9	端口接头 Input/Output Connectors	SMA-Female
10	承受功率 Power Rating	30W
11	工作温度 Operation Temperature	-45°C ~ +85°C
12	表面处理 Surface Finishing	Black paint

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