



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

Technical specifications

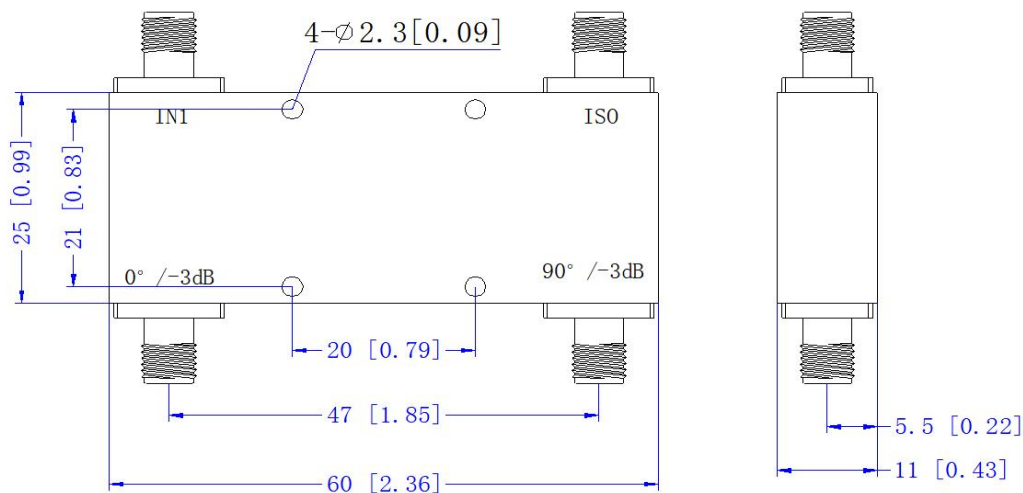
PRODUCTS

Power Divider

DESCRIPTION

ABC90-1700/6000-3/50W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	1700~6000 MHz
2	Insertion Loss	≤ 1.2 dB
3	VSWR	$< 1.25:1$
4	Isolation	Min. 20 dB
5	Amplitude Balance	Max. ± 0.4 dB
6	Phase Balance	$\pm 4^\circ$
7	Impedance	50 Ohms
8	Input/Output Connectors	SMA-Female
9	Power Rating	Average.50W
10	Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
11	Surface Finishing	Black paint

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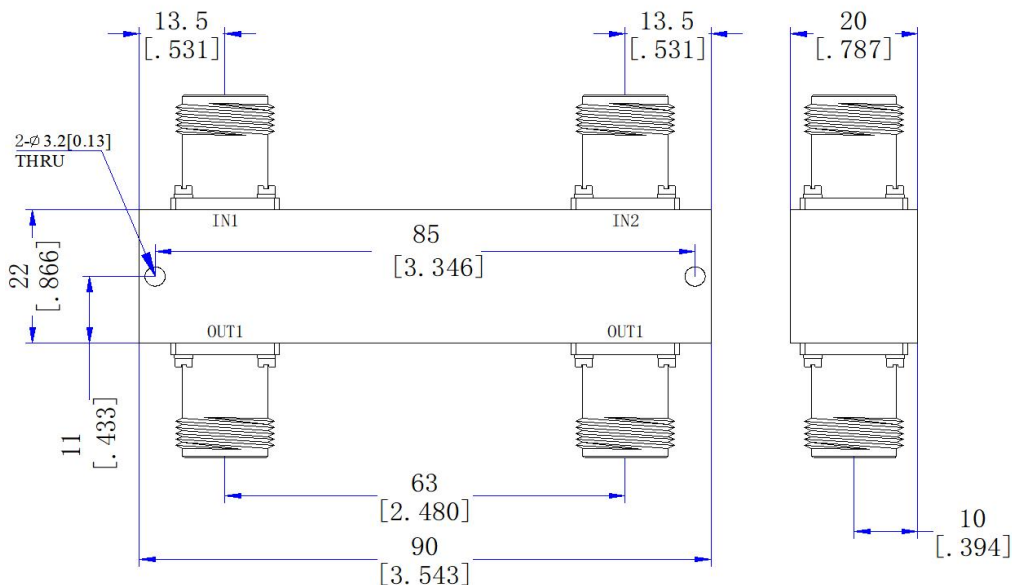
PRODUCTS

Power Divider

DESCRIPTION

ABC90-1000/4000-3/50W-NF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	1000~4000 MHz
2	Insertion Loss	$\leq 0.6\text{dB}$
3	VSWR	$< 1.25:1$
4	Isolation	Min. 20dB
5	Amplitude Balance	Max. $\pm 0.6\text{dB}$
6	Phase Balance	$\pm 5^\circ$
7	Impedance	50 Ohms
8	Input/Output Connectors	N-Female
9	Power Rating	Average.50W
10	Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
11	Surface Finishing	Black paint

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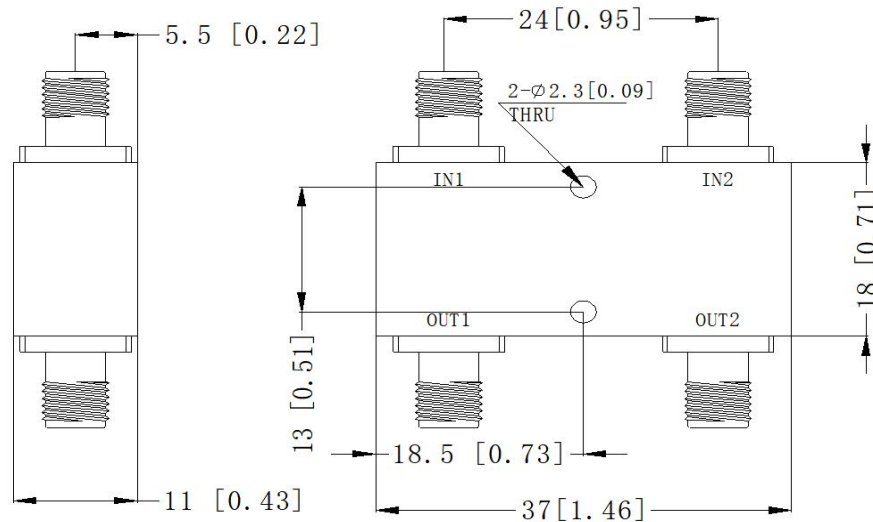
PRODUCTS

Power Divider

DESCRIPTION

ABC90-2000/40000-3/50W-NF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	频率范围 Frequency Range	2000~40000 MHz
2	插入损耗 Insertion Loss	≤ 2.8 dB
3	主路驻波 Primary VSWR	Max.2.0
4	支路驻波 Secondary VSWR	Max.2.0
5	隔离度 Isolation	Min.10dB
6	幅度平衡 Amplitude Balance	Max. ± 1.5 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	2.92-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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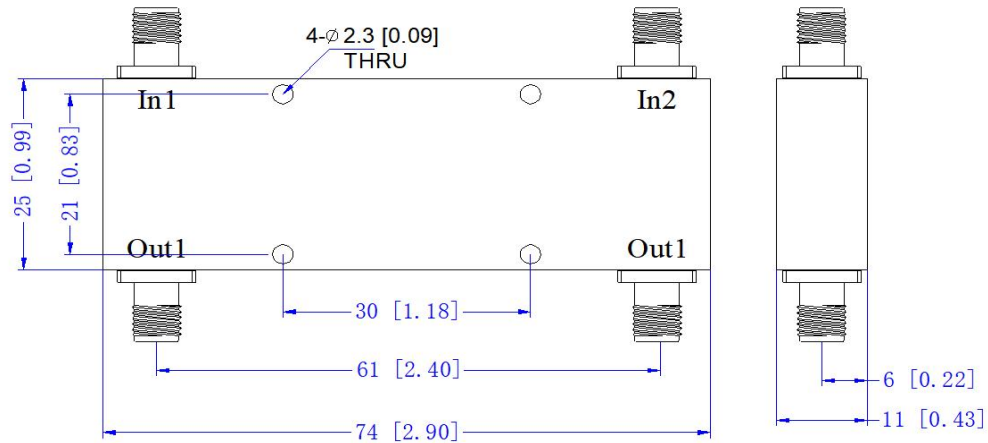
PRODUCTS

Power Divider

DESCRIPTION

ABC90-1000/7000-3/20W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	1000~7000 MHz
2	Insertion Loss	≤ 0.9 dB
3	VSWR	$< 1.4:1$
4	Isolation	Min. 18 dB
5	Amplitude Balance	Max. ± 0.4 dB
6	Phase Balance	$\pm 4^\circ$
7	Impedance	50 Ohms
8	Input/Output Connectors	SMA-Female
9	Power Rating	Average 20W
10	Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
11	Surface Finishing	本导

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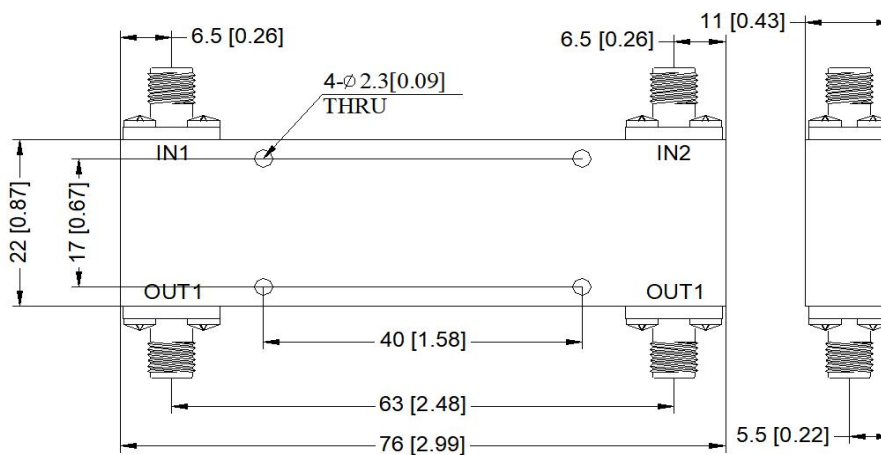
PRODUCTS

Power Divider

DESCRIPTION

ABC90-1000/4000-3/30W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	1000~4000 MHz
2	Insertion Loss	$\leq 0.6\text{dB}$
3	VSWR	$< 1.30:1$
4	Isolation	Min. 20 dB
5	Amplitude Balance	Max. $\pm 0.5\text{dB}$
6	Phase Balance	$\pm 5^\circ$
7	Impedance	50 Ohms
8	Input/Output Connectors	SMA-Female
9	Power Rating	Average.30W
10	Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
11	Surface Finishing	Black paint

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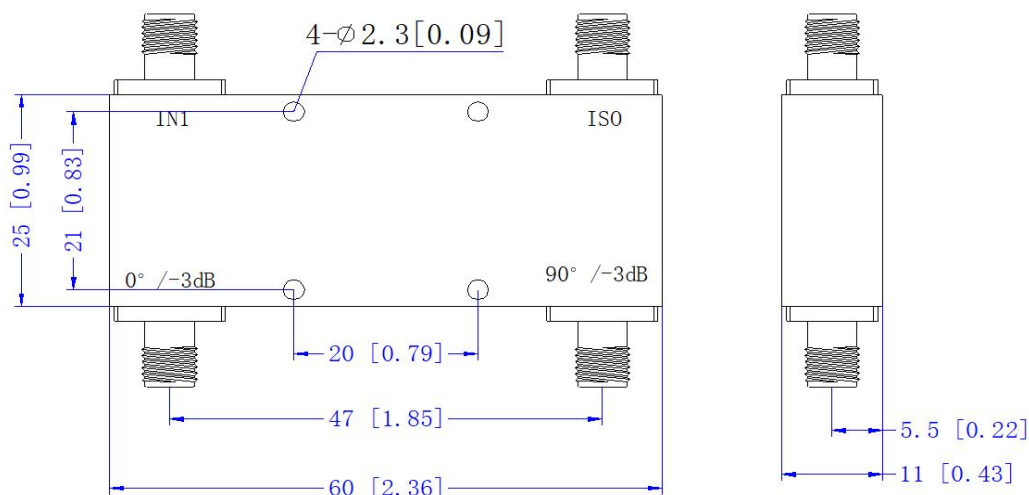
PRODUCTS

Power Divider

DESCRIPTION

ABC90-2500/3100-3/50W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	2500~3100 MHz
2	Insertion Loss	≤ 0.5 dB
3	VSWR	$< 1.20:1$
4	Isolation	Min. 25 dB
5	Amplitude Balance	Max. ± 0.3 dB
6	Phase Balance	$\pm 3^\circ$
7	Impedance	50 Ohms
8	Input/Output Connectors	SMA-Female
9	Power Rating	Average.50W
10	Operation Temperature	-45℃ ~ +85℃
11	Surface Finishing	Black paint

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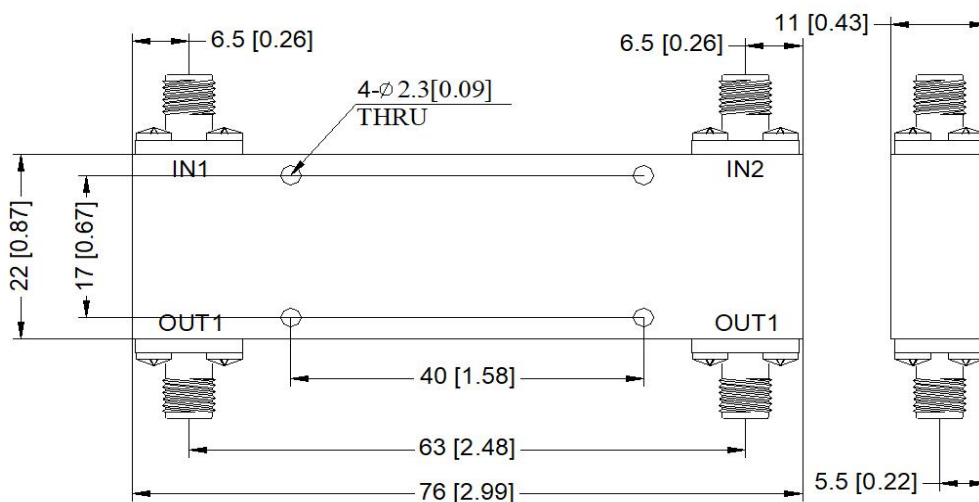
PRODUCTS

Power Divider

DESCRIPTION

ABC90-1000/4000-3/30W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	1000~4000 MHz
2	Insertion Loss	$\leq 0.6\text{dB}$
3	VSWR	$<1.30:1$
4	Isolation	Min. 20 dB
5	Amplitude Balance	Max. $\pm 0.5\text{dB}$
6	Phase Balance	$\pm 5^\circ$
7	Impedance	50 Ohms
8	Input/Output Connectors	SMA-Female
9	Power Rating	Average.30W
10	Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
11	Surface Finishing	Black paint

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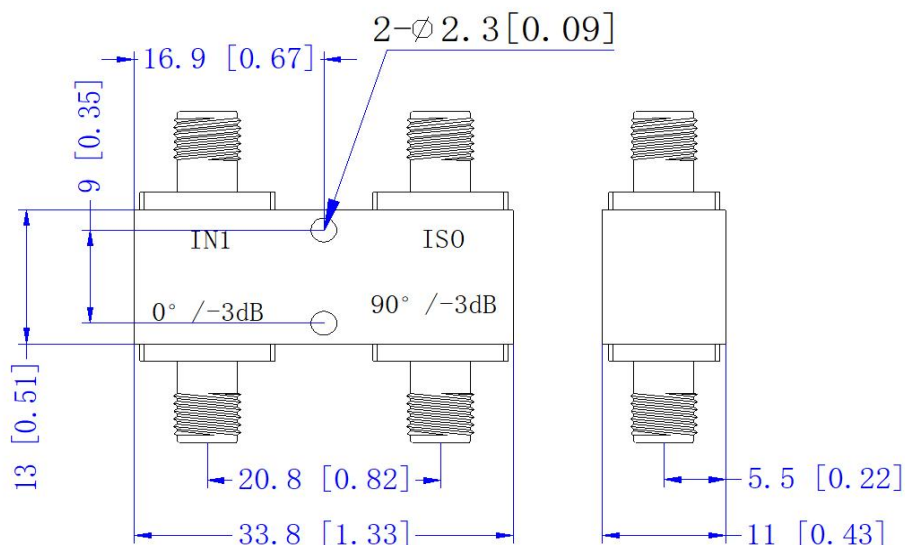
PRODUCTS

Power Divider

DESCRIPTION

ABC90-2750/3250-3/30W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	2750~3250 MHz
2	Insertion Loss	$\leq 0.6\text{dB}$
3	VSWR	$< 1.25:1$
4	Isolation	Min. 22 dB
5	Amplitude Balance	Max. $\pm 0.5\text{dB}$
6	Phase Balance	$\pm 2^\circ$
7	Impedance	50 Ohms
8	Input/Output Connectors	SMA-Female
9	Power Rating	Average.30W
10	Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
11	Surface Finishing	喷砂本导

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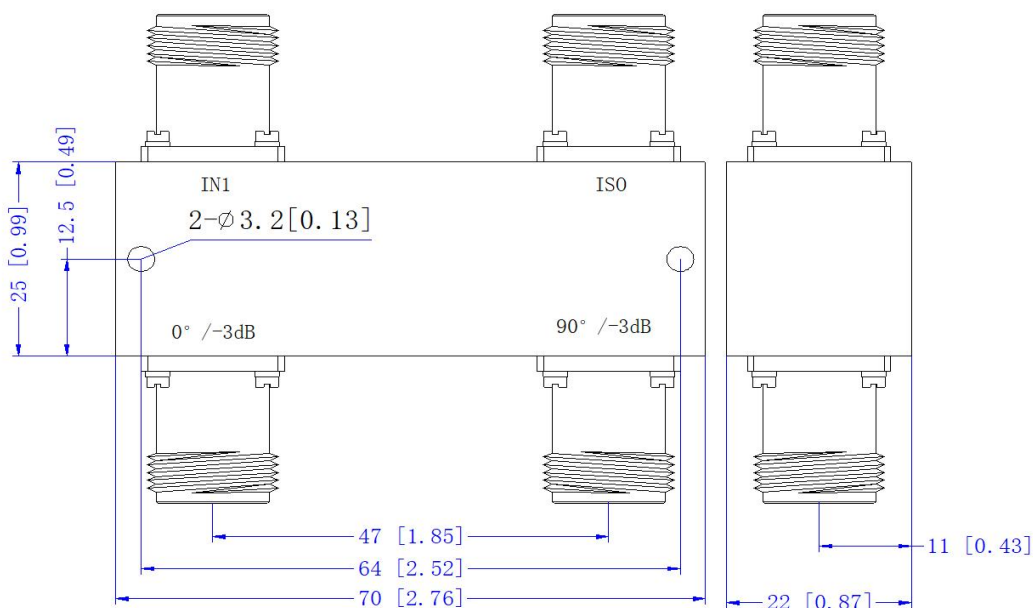
PRODUCTS

Power Divider

DESCRIPTION

ABC90-5000/6000-3/50W-NF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	5000~6000 MHz
2	Insertion Loss	$\leq 1.2\text{dB}$
3	VSWR	$< 1.35:1$
4	Isolation	Min. 20 dB
5	Amplitude Balance	Max. $\pm 0.4\text{dB}$
6	Phase Balance	$\pm 4^\circ$
7	Impedance	50 Ohms
8	Input/Output Connectors	N-Female
9	Power Rating	Average 50W
10	Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
11	Surface Finishing	喷砂本导

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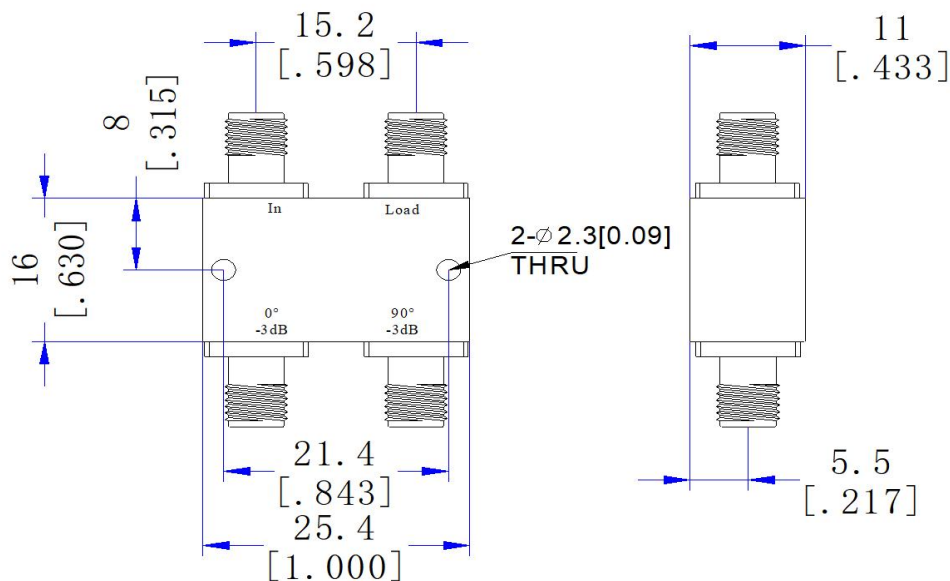
PRODUCTS

Power Divider

DESCRIPTION

ABC90-18000/40000-3/30W-2.92F

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	频率范围 Frequency Range	18000~40000 MHz
2	插入损耗 Insertion Loss	≤ 2.2 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. ± 0.7 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	2.92-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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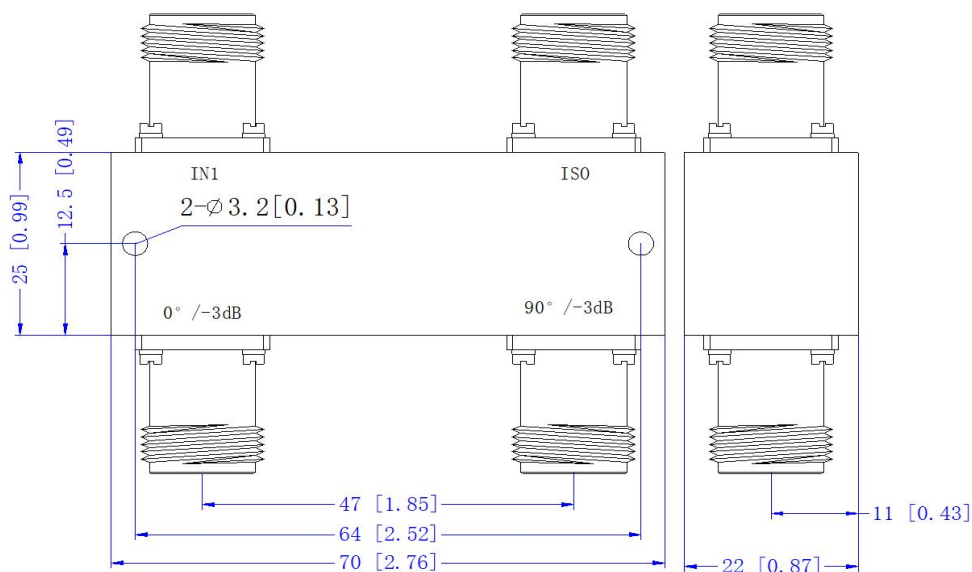
PRODUCTS

Power Divider

DESCRIPTION

ABC90-380/470-3/50W-NF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (±0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	380~470 MHz
2	Insertion Loss	≤ 0.6dB
3	VSWR	<1.20:1
4	Isolation	Min. 20 dB
5	Amplitude Balance	Max. ±0.6dB
6	Phase Balance	±3°
7	Impedance	50 Ohms
8	Input/Output Connectors	N-Female
9	Power Rating	Average.50W
10	Operation Temperature	-40℃ ~ +70℃
11	Surface Finishing	噴砂本導

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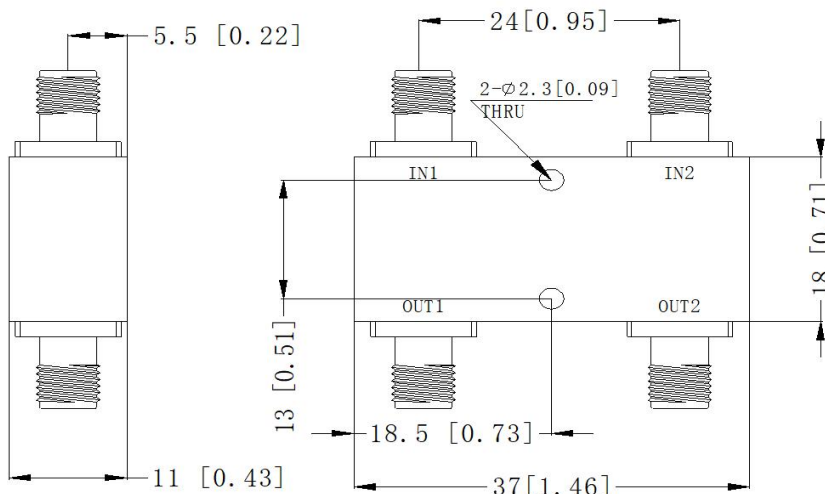
PRODUCTS

Power Divider

DESCRIPTION

ABC90-2000/26500-3/30W-2.92F

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	频率范围 Frequency Range	2000~26500 MHz
2	插入损耗 Insertion Loss	≤ 2.0 dB
3	主路驻波 Primary VSWR	Max. 1.8
4	支路驻波 Secondary VSWR	Max. 1.8
5	隔离度 Isolation	Min.10dB
6	幅度平衡 Amplitude Balance	Max. ± 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	2.92-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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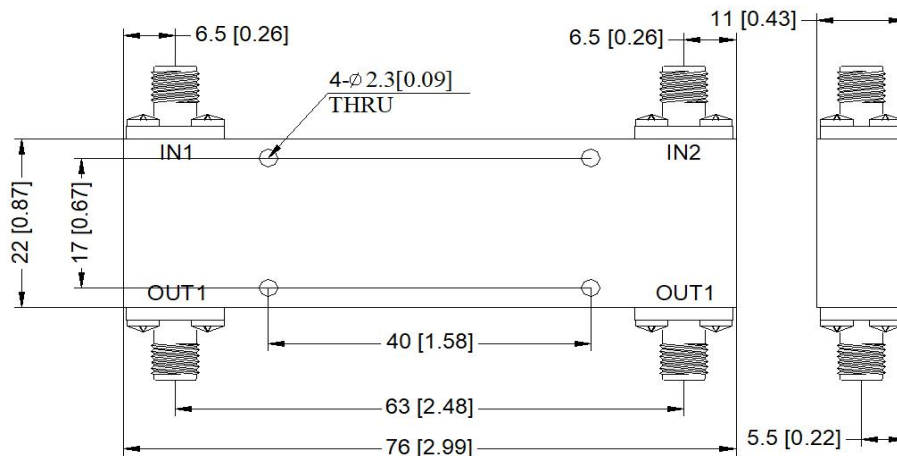
PRODUCTS

Power Divider

DESCRIPTION

ABC90-1000/2000-3/30W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	1000~2000 MHz
2	Insertion Loss	$\leq 0.5\text{dB}$
3	VSWR	$< 1.20:1$
4	Isolation	Min. 20 dB
5	Amplitude Balance	Max. $\pm 0.4\text{dB}$
6	Phase Balance	$\pm 4^\circ$
7	Impedance	50 Ohms
8	Input/Output Connectors	SMA-Female
9	Power Rating	Average.30W
10	Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
11	Surface Finishing	Black paint

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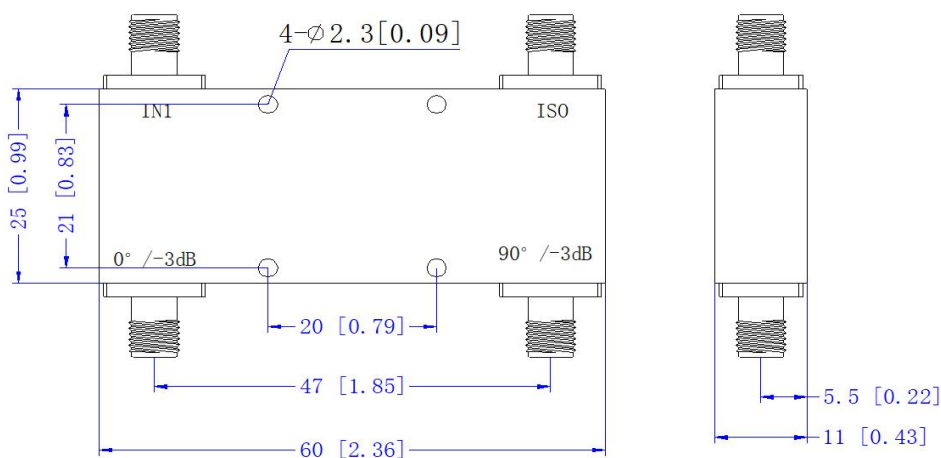
PRODUCTS

Power Divider

DESCRIPTION

ABC90-2000/6000-3/50W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



Note: Dimensions (mm / [inch]), General tolerance (± 0.5)

2、NOTE:

SN	Parameters	Specifications
1	Frequency Range	2000~6000 MHz
2	Insertion Loss	$\leq 1.2\text{dB}$
3	VSWR	$<1.30:1$
4	Isolation	Min. 18 dB
5	Amplitude Balance	Max. $\pm 0.4\text{dB}$
6	Phase Balance	$\pm 4^\circ$
7	Impedance	50 Ohms
8	Input/Output Connectors	SMA-Female
9	Power Rating	Average. 50W
10	Operation Temperature	$-45^\circ\text{C} \sim +85^\circ\text{C}$
11	Surface Finishing	Black paint

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