



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

Technical specifications

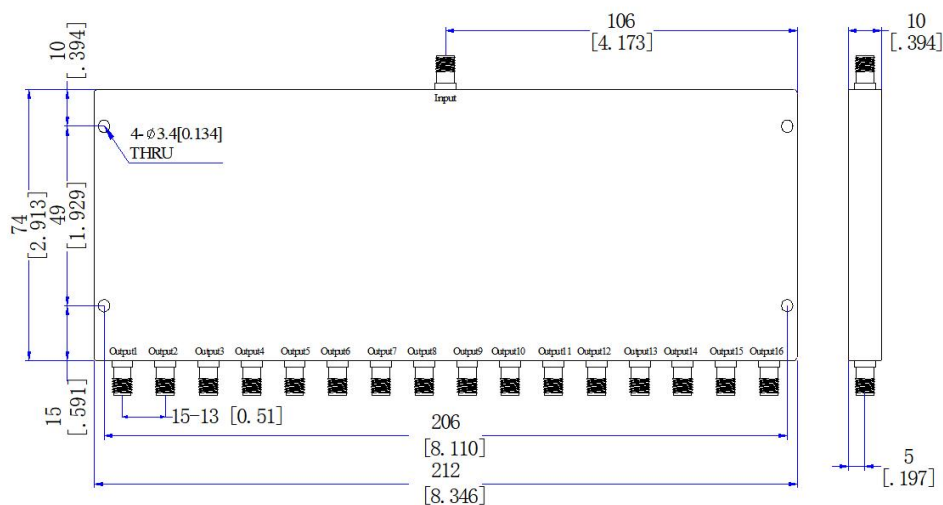
PRODUCTS

Power Divider

DESCRIPTION

APD-15000/18000-16/20W-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 | $\leq 2.6\text{dB}$ (Excluding theoretical loss 未含理论损耗 12.0dB) |
| 3 | 输入驻波 Input Port VSWR | Typ.1.22 / Max.1.55 |
| 4 | 输出驻波 Output Port VSWR | Typ.1.16 / Max.1.25 |
| 5 | 隔离度 Isolation | Typ.24dB / Min.18dB |
| 6 | 幅度平衡 Amplitude Balance | $\pm 0.4\text{dB}$ |
| 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 | 黑色烤漆 |
| 13 | 外形尺寸 Outline Dimensions | 212*74*10 (mm) |
| 14 | 重量 Weight | (g) |

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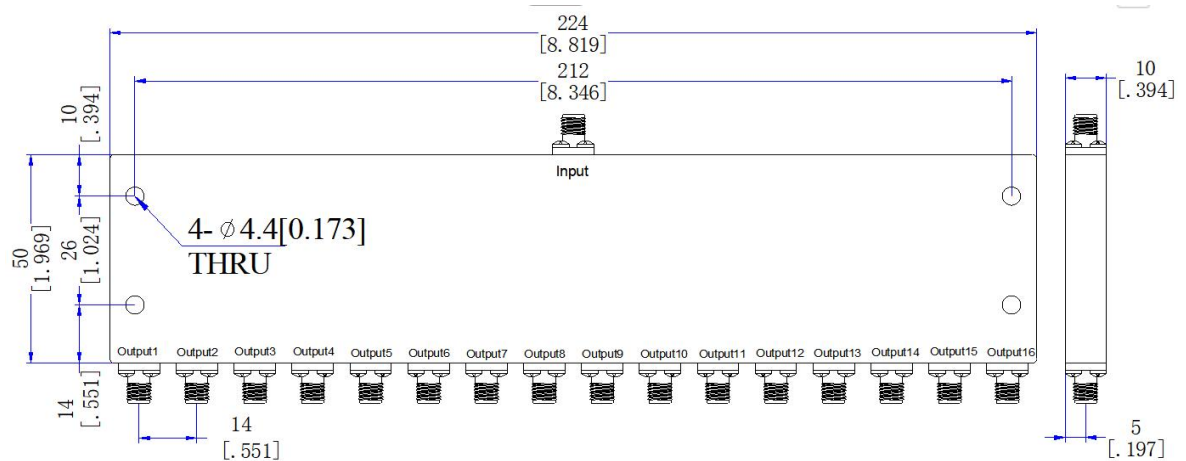
PRODUCTS

Power Divider

DESCRIPTION

APD-4000/20000-16/20W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



2、NOTE:

| SN | Parameters | Specifications |
|----|------------------------------|--|
| 1 | 频率范围 Frequency Range | 4000~20000 MHz |
| 2 | 插入损耗 Insertion Loss | ≤ 2.8 dB (Excluding theoretical loss 未含理论损耗 12.0dB) |
| 3 | 输入驻波 Input Port VSWR | Typ.1.45 / Max.1.7 |
| 4 | 输出驻波 Output Port VSWR | Typ.1.25 / Max.1.6 |
| 5 | 隔离度 Isolation | Typ.26dB / Min.17dB |
| 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 | 50*224*10 (mm) |
| 14 | 重量 Weight | 380 (g) |

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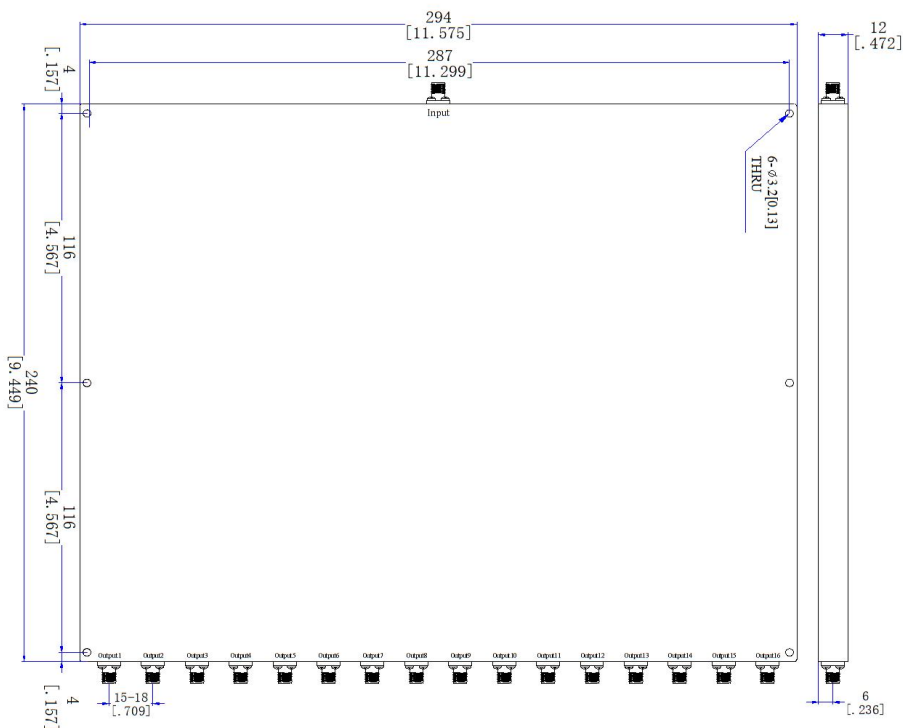
PRODUCTS

Power Divider

DESCRIPTION

APD-100/400-16/20W-SF

1、OUTLINE DIMENSION: (UNIT: mm)



2、NOTE:

| SN | Parameters | Specifications |
|----|------------------------------|---|
| 1 | 频率范围 Frequency Range | 100~400 MHz |
| 2 | 插入损耗 Insertion Loss | ≤ 1.6 dB, 100M 处约 1.0dB (Excluding theoretical loss 未含理论损耗 12.0 dB) |
| 3 | 输入驻波 Input Port VSWR | ≤ 1.30: 1 |
| 4 | 输出驻波 Output Port VSWR | ≤ 1.20: 1 |
| 5 | 隔离度 Isolation | Typ. 26dB / Min. 20dB |
| 6 | 幅度平衡 Amplitude Balance | ±0.3dB |
| 7 | 相位平衡 Phase Balance | ±4° |
| 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°C ~ +70°C |
| 12 | 表面处理 Surface Finishing | 喷砂本导 |
| 13 | 外形尺寸 Outline Dimensions | 240*294*12 (mm) |
| 14 | 重量 Weight | (g) |

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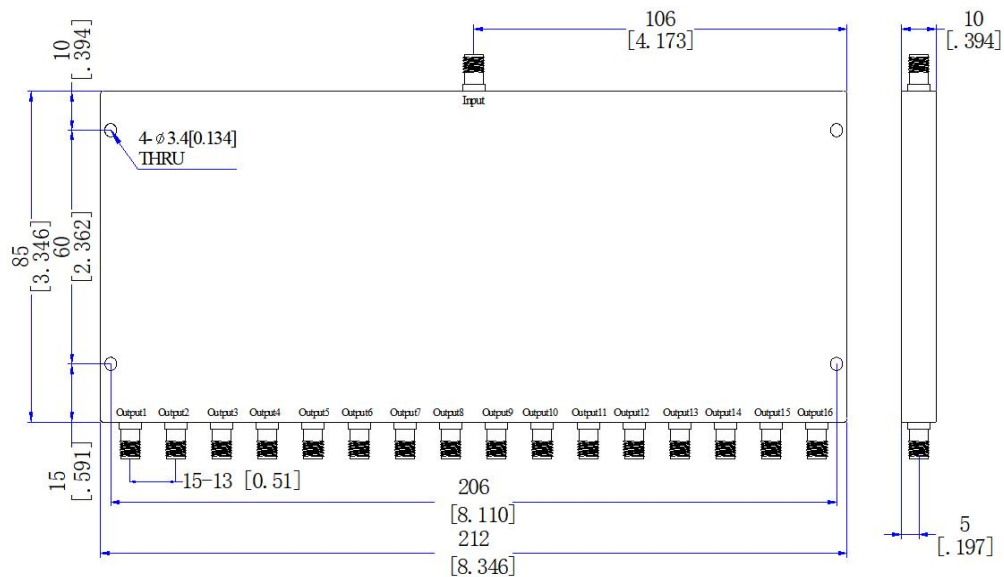
PRODUCTS

Power Divider

DESCRIPTION

APD-8000/12000-16/20W-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 | ≤ 1.6 dB (Excluding theoretical loss 未含理论损耗 12.0dB) |
| 3 | 输入驻波 Input Port VSWR | Typ.1.20 / Max.1.3 |
| 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 | ± 0.4 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 | $-45^\circ\text{C} \sim +85^\circ\text{C}$ |
| 12 | 表面处理 Surface Finishing | Black paint 黑色烤漆 |
| 13 | 外形尺寸 Outline Dimensions | 212*85*10 (mm) |
| 14 | 重量 Weight | 480 (g) |

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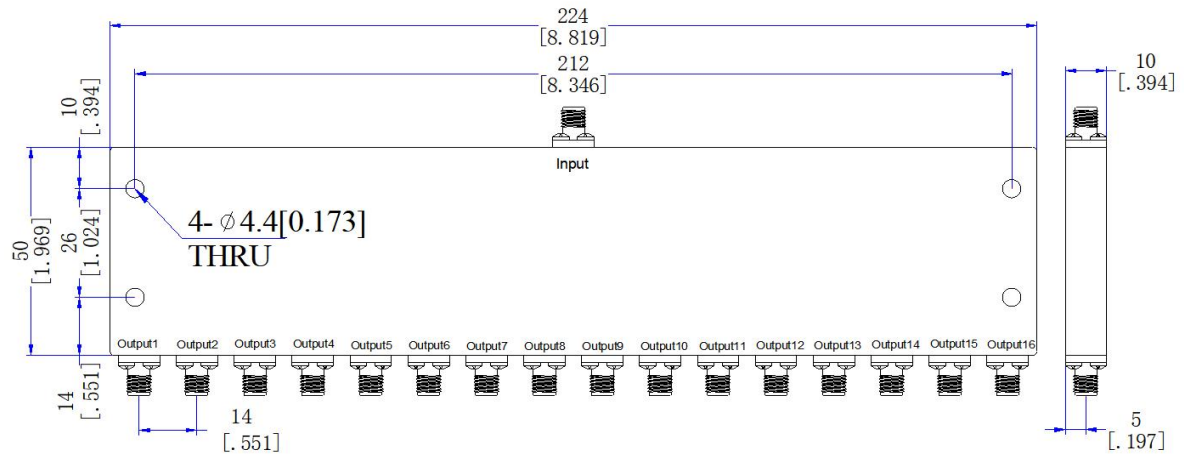
PRODUCTS

Power Divider

DESCRIPTION

APD-4500/18000-16/20W-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 | 4500~18000 MHz |
| 2 | 插入损耗 Insertion Loss | ≤ 2.2 dB (Excluding theoretical loss 未含理论损耗 12.0dB) |
| 3 | 输入驻波 Input Port VSWR | Typ.1.45 / Max.1.6 |
| 4 | 输出驻波 Output Port VSWR | Typ.1.25 / Max.1.5 |
| 5 | 隔离度 Isolation | Typ.26dB / Min.17dB |
| 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 | 50*224*10 (mm) |
| 14 | 重量 Weight | 390 (g) |

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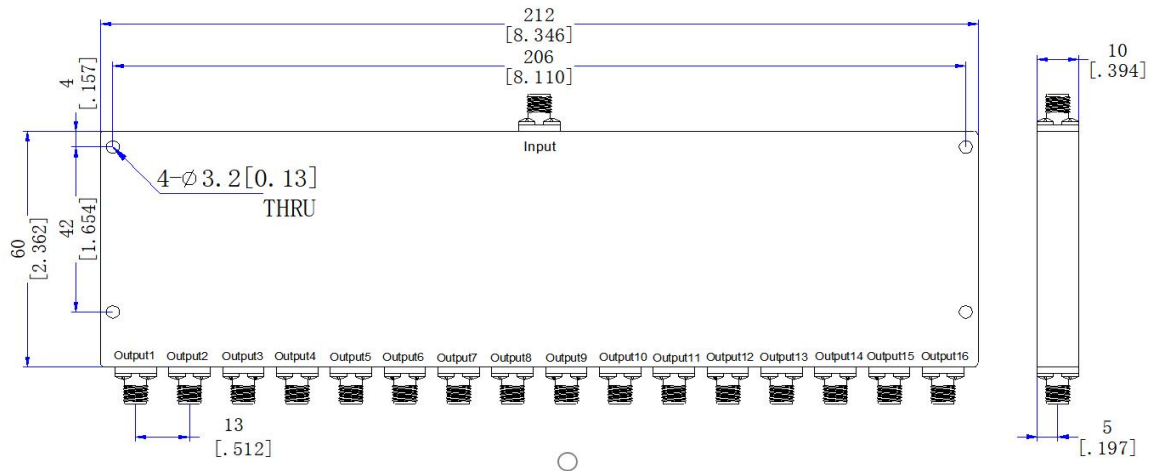
PRODUCTS

Power Divider

DESCRIPTION

APD-6000/18000-16/20W-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 | ≤ 1.8 dB (Excluding theoretical loss 未含理论损耗 12.0dB) |
| 3 | 输入驻波 Input Port VSWR | Typ.1.45 / Max.1.6 |
| 4 | 输出驻波 Output Port VSWR | Typ.1.25 / Max.1.5 |
| 5 | 隔离度 Isolation | Typ.26dB / Min.17dB |
| 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 | 60*212*10 (mm) |
| 14 | 重量 Weight | 390 (g) |

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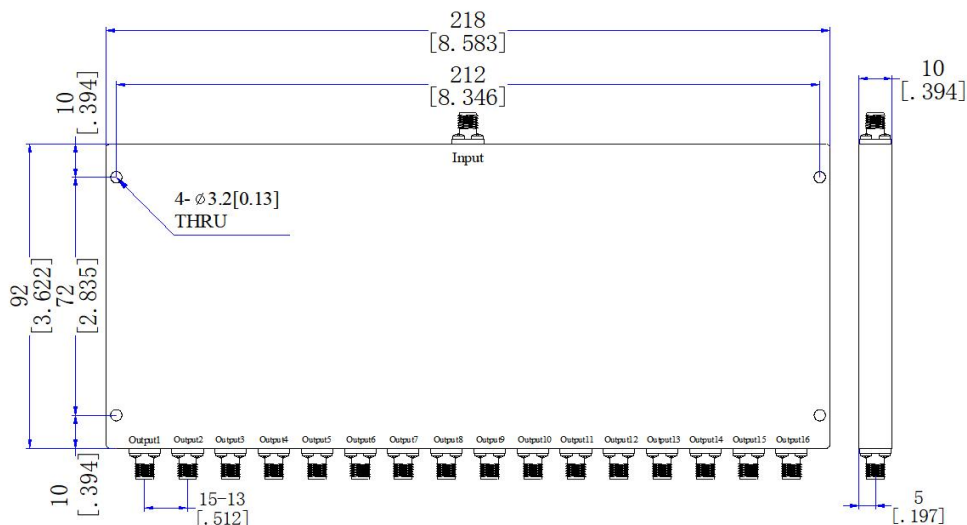
PRODUCTS

Power Divider

DESCRIPTION

APD-800/2000-16/10W-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 | 800~2000 MHz |
| 2 | 插入损耗 Insertion Loss | ≤ 1.2 dB (Excluding theoretical loss 未含理论损耗 12.0 dB) |
| 3 | 输入驻波 Input Port VSWR | Typ. 1.15 / Max. 1.35 |
| 4 | 输出驻波 Output Port VSWR | Typ. 1.12 / Max. 1.25 |
| 5 | 隔离度 Isolation | Typ. 28dB / Min. 20dB |
| 6 | 幅度平衡 Amplitude Balance | ± 0.2 dB |
| 7 | 相位平衡 Phase Balance | $\pm 1^\circ$ |
| 8 | 阻抗 Impedance | 50 Ohms |
| 9 | 端口接头 Input/Output Connectors | SMA-Female (不锈钢外壳, 内导体镀金 0.5 微米) |
| 10 | 承受功率 Power Rating | Splitter 分路器用时 10W; Combiner 合路器用时 1W |
| 11 | 工作温度 Operation Temperature | $-35^\circ\text{C} \sim +75^\circ\text{C}$ |
| 12 | 表面处理 Surface Finishing | Black paint |
| 13 | 外形尺寸 Outline Dimensions | 92*218*10 (mm) |
| 14 | 重量 Weight | (g) |

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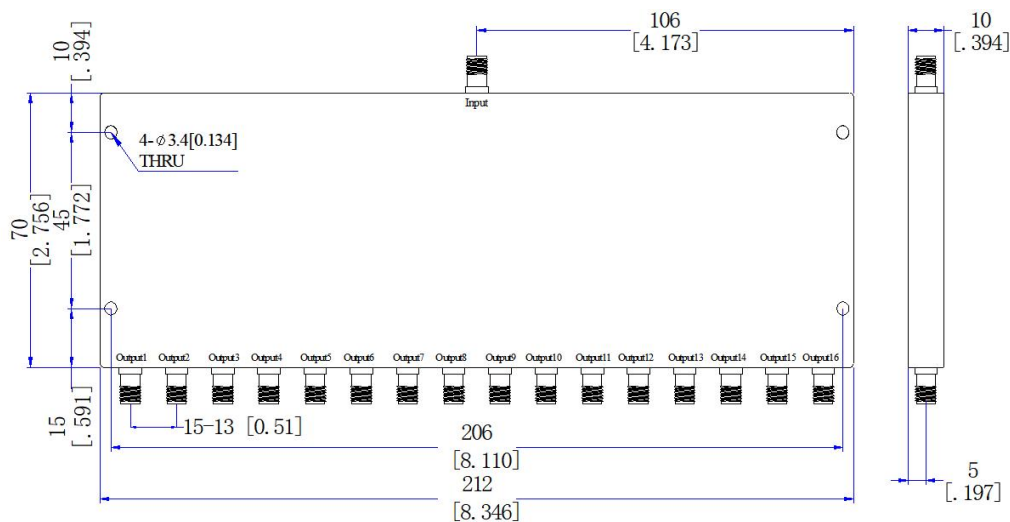
PRODUCTS

Power Divider

DESCRIPTION

APD-16600/17400-16/20W-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 | $\leq 2.0\text{dB}$ (Excluding theoretical loss 未含理论损耗 12.0dB) |
| 3 | 输入驻波 Input Port VSWR | Typ.1.22 / Max.1.50 |
| 4 | 输出驻波 Output Port VSWR | Typ.1.16 / Max.1.25 |
| 5 | 隔离度 Isolation | Typ.24dB / 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 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 | 212*70*10 (mm) |
| 14 | 重量 Weight | (g) |

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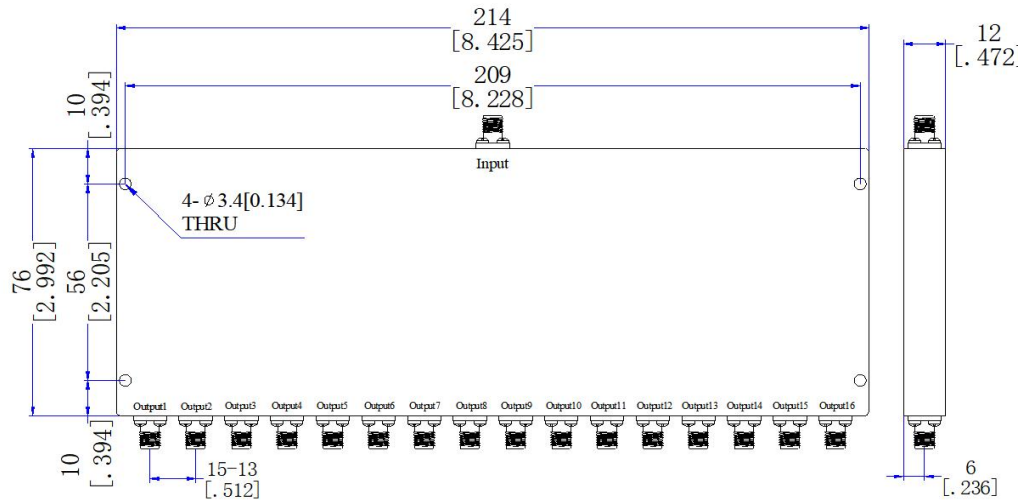
PRODUCTS

Power Divider

DESCRIPTION

APD-1/50-16/1W-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 | 1~50 MHz |
| 2 | 插入损耗 Insertion Loss | $\leq 2.4\text{dB}$ (Excluding theoretical loss 未含理论损耗 12.0 dB) |
| 3 | 输入驻波 Input Port VSWR | $\leq 1.50:1$ |
| 4 | 输出驻波 Output Port VSWR | $\leq 1.50:1$ |
| 5 | 隔离度 Isolation | Typ.26dB / Min.18dB |
| 6 | 幅度平衡 Amplitude Balance | $\pm 0.8\text{dB}$ |
| 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 1W; Combiner 合路器用时 0.5W |
| 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 | 76*214*12 (mm) |
| 14 | 重量 Weight | 480 (g) |

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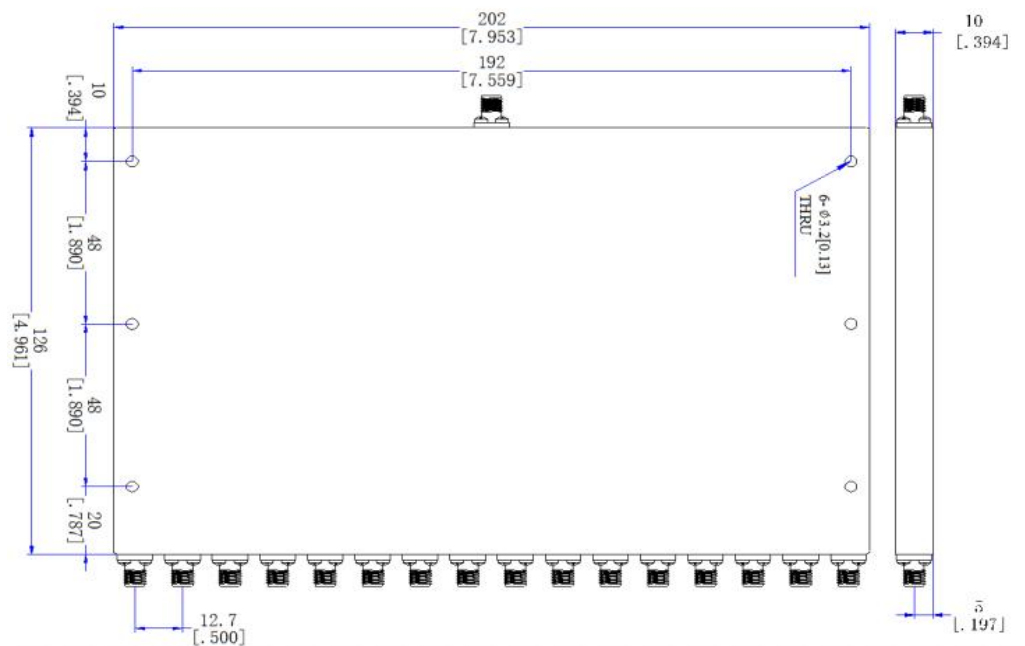
PRODUCTS

Power Divider

DESCRIPTION

APD-2000/18000-16/20W-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 | 2000~18000 MHz |
| 2 | 插入损耗 Insertion Loss | $\leq 3.5\text{dB}$ (Excluding theoretical loss 未含理论损耗 12.0 dB) |
| 3 | 输入驻波 Input Port VSWR | Typ.1.35 / Max.1.70 |
| 4 | 输出驻波 Output Port VSWR | Typ.1.22 / Max.1.50 |
| 5 | 隔离度 Isolation | $\geq 17\text{dB}$ |
| 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 | 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 | Gray paint / Black paint 灰色烤漆 / 黑色烤漆 |
| 13 | 外形尺寸 Outline Dimensions | 126*202*10 (mm) |
| 14 | 重量 Weight | 820 (g) |

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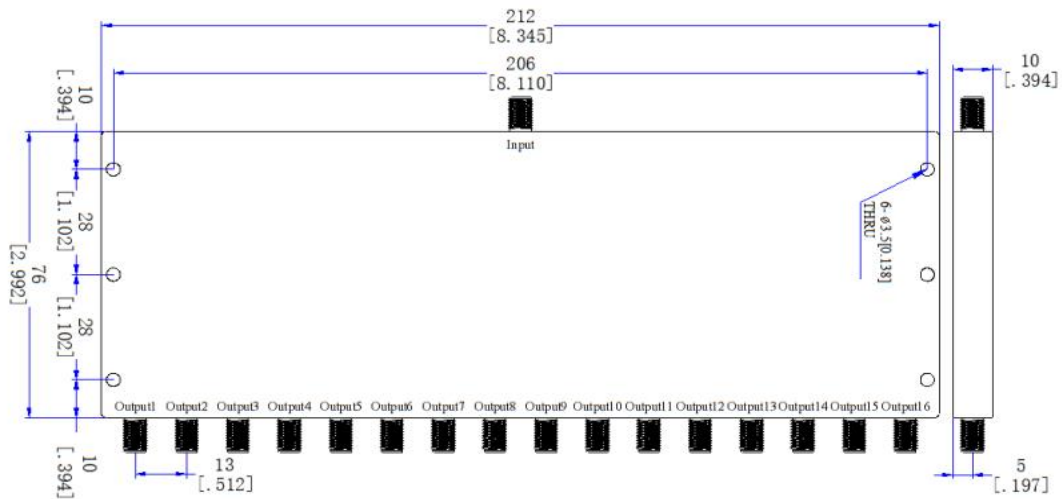
PRODUCTS

Power Divider

DESCRIPTION

APD-12000/18000-16/20W-SF

1、OUTLINE DI



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 | ≤ 2.2 dB (Excluding theoretical loss 未含理论损耗 12.0 dB) |
| 3 | 输入驻波 Input Port VSWR | Typ. 1.20 / Max. 1.5 |
| 4 | 输出驻波 Output Port VSWR | Typ. 1.16 / Max. 1.3 |
| 5 | 隔离度 Isolation | Typ. 23dB / Min. 16dB |
| 6 | 幅度平衡 Amplitude Balance | ± 0.3 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*212*10 (mm) |
| 14 | 重量 Weight | 约 500 (g) |

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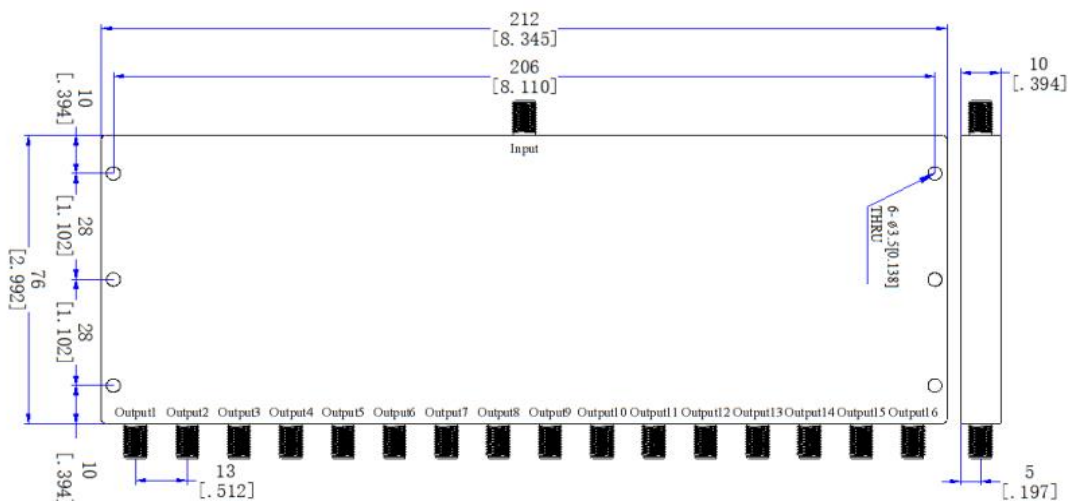
PRODUCTS

Power Divider

DESCRIPTION

APD-15600/16500-16/20W-SF

1、OUTLINE DIME



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

2、NOTE:

| SN | Parameters | Specifications |
|----|------------------------------|---|
| 1 | 频率范围 Frequency Range | 15600~16500 MHz |
| 2 | 插入损耗 Insertion Loss | ≤ 2.6 dB (Excluding theoretical loss 未含理论损耗 12.0 dB) |
| 3 | 输入驻波 Input Port VSWR | Typ. 1.20 / Max. 1.5 |
| 4 | 输出驻波 Output Port VSWR | Typ. 1.16 / Max. 1.3 |
| 5 | 隔离度 Isolation | Typ. 23dB / Min. 18dB |
| 6 | 幅度平衡 Amplitude Balance | ± 0.4 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 | 76*212*10 (mm) |
| 14 | 重量 Weight | 约 500 (g) |

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