

Technical Proposal for JX-PD4-500M8000M-20S Power Divider

- ◆ High Performance
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2019/04/08	Lin liqun	Created	/

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Table of content

Technical Proposal for JX-PD4-500M8000M-20S Power Divider.....	1
1. Mechanical layout.....	2
2. Electrical analysis.....	3

Figures

Figure 1 JX-PD4-500M8000M-20S front panel layout.....	3
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Tables

Table 1 Mechanical Specifications.....	2
Table 2 Electrical specifications.....	3

1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	L x W x H: 132mm x 64mm x 12mm
Port connectors	SMA- Female
Finish	Gray paint
Notes	Material shall be RoHS 6/6

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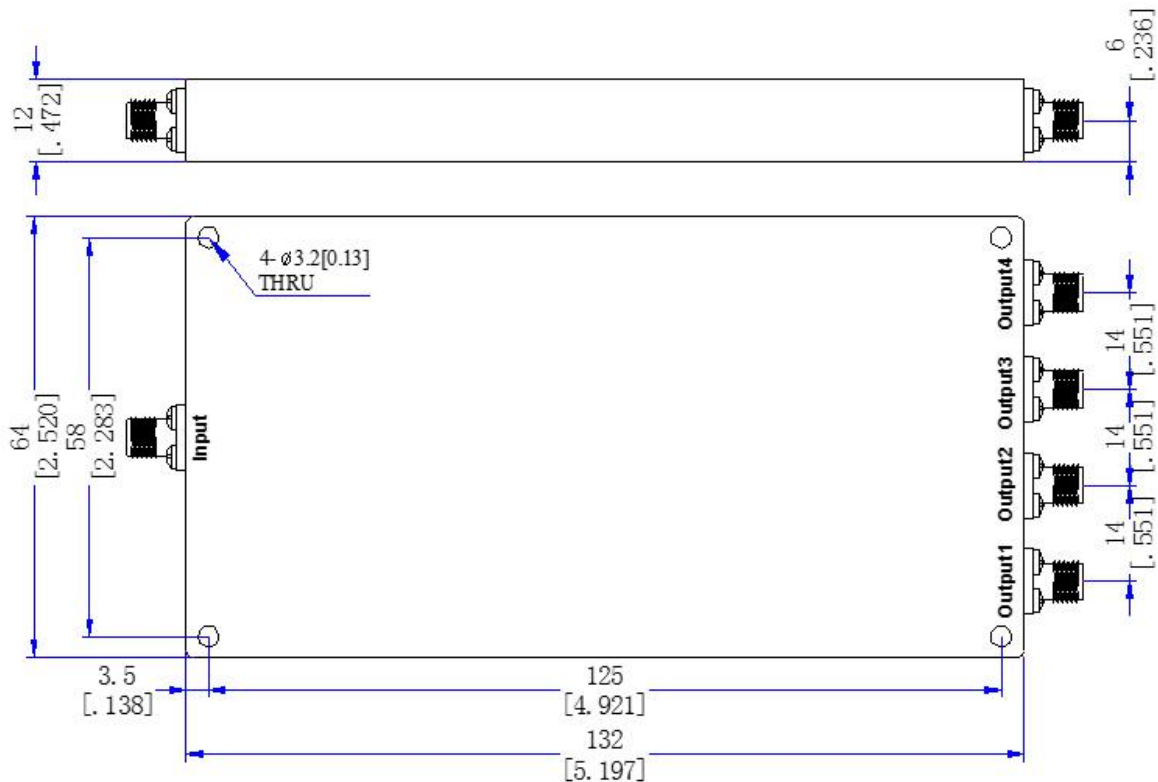


Figure 1 JX-PD4-500M8000M-20S front panel layout

2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	Specification
1	Frequency range	500-8000MHz
2	Insertion loss	≤3.0dB (Excluding theoretical loss 6.0 dB)
3	Input port VSWR	Typ.1.18 / Max.1.30
4	Output port VSWR	Typ.1.15 / Max.1.20
5	Isolation	Typ.25dB / Min.20dB
6	Amplitude balance	≤ 0.3dB
7	Phase balance	±4°
8	Forward power	30W
9	Reverse power	2W
10	Impedance	50Ω
11	Temperature range	-35°C to+75°C

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**Professional manufacturer of
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