

# Technical proposal for JX-PD2-10M500M-20S Power Divider

◆ High Performance

◆ High Reliability

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2021/10/21	Lin liqun	Created	/

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## 1. Mechanical layout

Table 1 Mechanical specifications

Dimension	L x W x H: 28mm x 26mm x 13mm
Connectors	SMA-Female
Finish	Conductive oxidation
Notes	Material shall be RoHS 6/6

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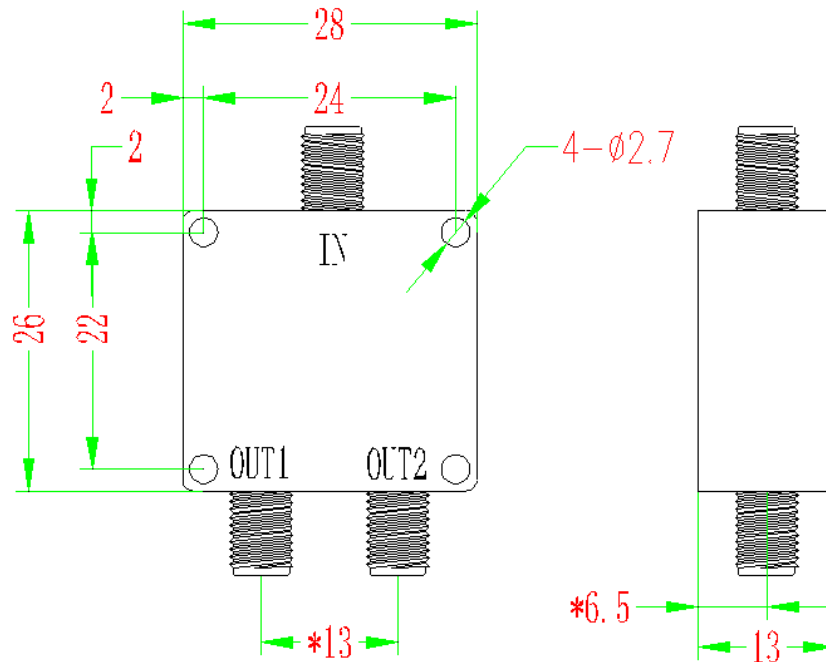


Figure 1 JX-PD2-10M500M-20S front panel layout

## 2. Electrical specification

Table 2 Electrical specifications

Item	Parameter	Specification
1	Frequency range	10-500MHz
2	Insertion loss	≤ 1.2dB
3	Input VSWR	≤1.4
	Output VSWR	≤1.3
4	Reverse isolation	≥20dB
5	Amplitude balance	≤0.4dB
6	Phase balance	≤3°
7	Power	≤1W CW(IN)
8	Impedance	50Ω
9	Operating temperature	-40°C to +70°C
10	Storage temperature	-55°C to +85°C

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