

Technical proposal for JX-PD4-134M3700M-20NF Power Divider

- ◆ High Performance
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2021/04/09	Wang	Created	/
V1.1	2022/08/09	Vivian	Updated the Outline Drawing	Jingxin request
V1.2	2022/11/04	Vivian	Updated the Intermodulation	/

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1. Mechanical specifications

Table 1 Mechanical specifications @ JX-PD4-134M3700M-20NF

Dimension	L x W x H: 120mm x 105mm x 20mm
Connectors	N-Female
Finish	Grey painting
Notes	Material shall be RoHS 6/6

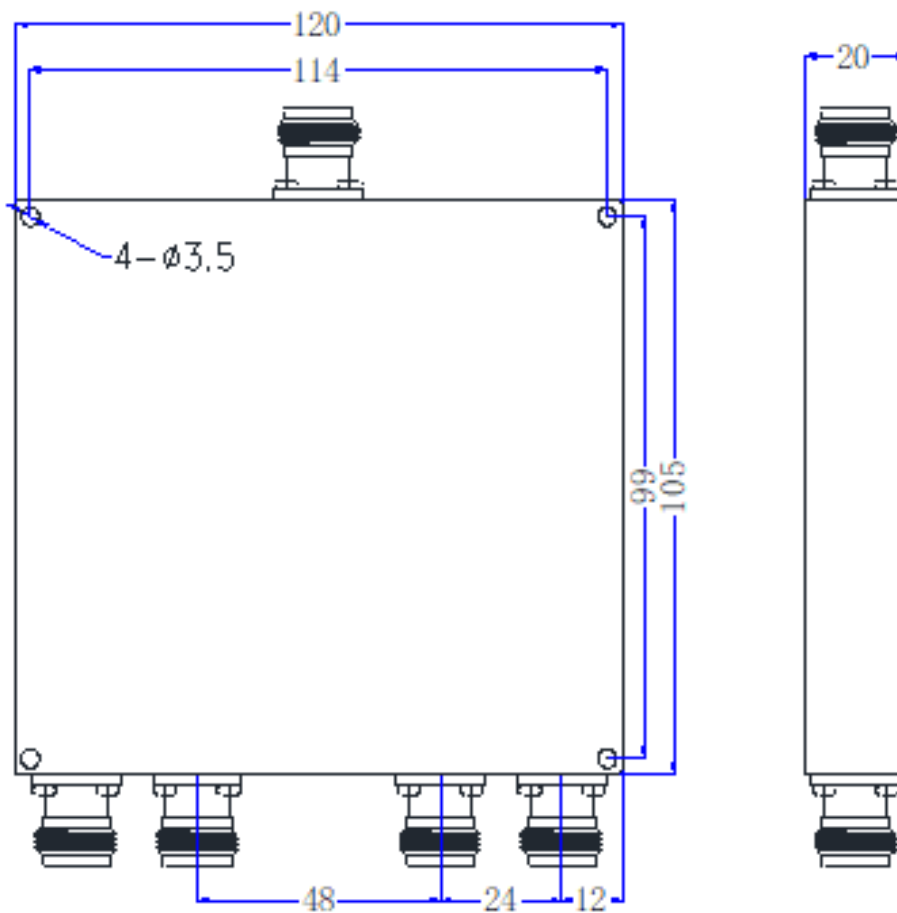


Figure 1 JX-PD4-134M3700M-20NF front panel layout

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2. Electrical specifications

Table 2 Electrical specifications @ JX-PD4-134M3700M-20NF

Item	Parameter	Specifications
1	Frequency range	134-3700MHz
2	Insertion loss	≤4dB (Exclusive the 6dB split loss)
3	VSWR	≤1.4 (Input) & ≤1.3 (Output)
4	Amplitude balance	≤±0.4dB
5	Phase balance	≤±4degree
6	Isolation	≥18dB
7	Average power	20W (Forward) 2W (Reverse)
8	Impedance	50Ω
9	Operating temperature	-40°C to +80°C
10	Storage temperature	-45°C to +85°C
11	Intermodulation	-150dBc@2x43dBm

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